Water Quality Report

Water_Quality_Drains_STPs__WTPs_2020.pdf

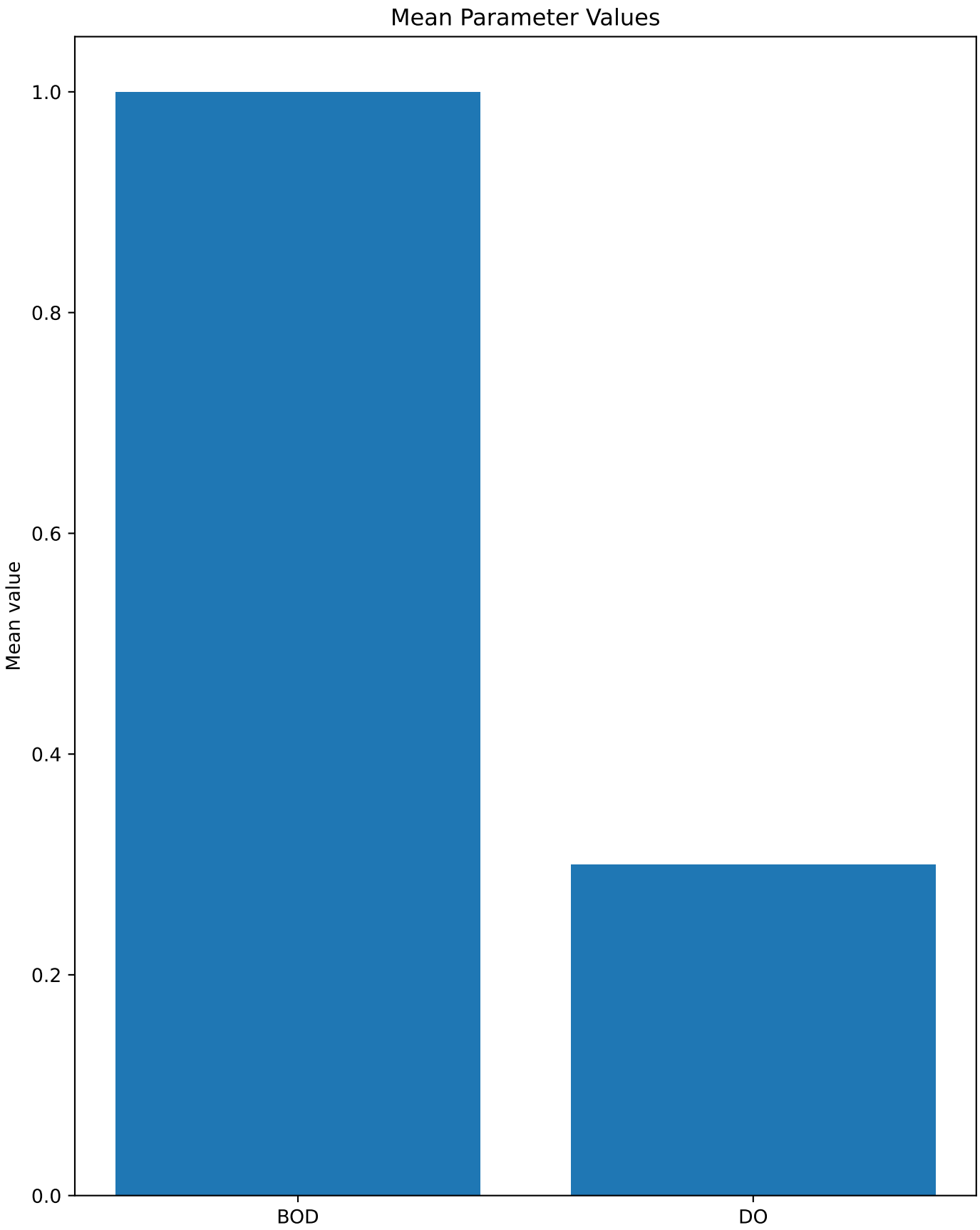
Generated: 2025-11-19T17:51:52.486723 UTC

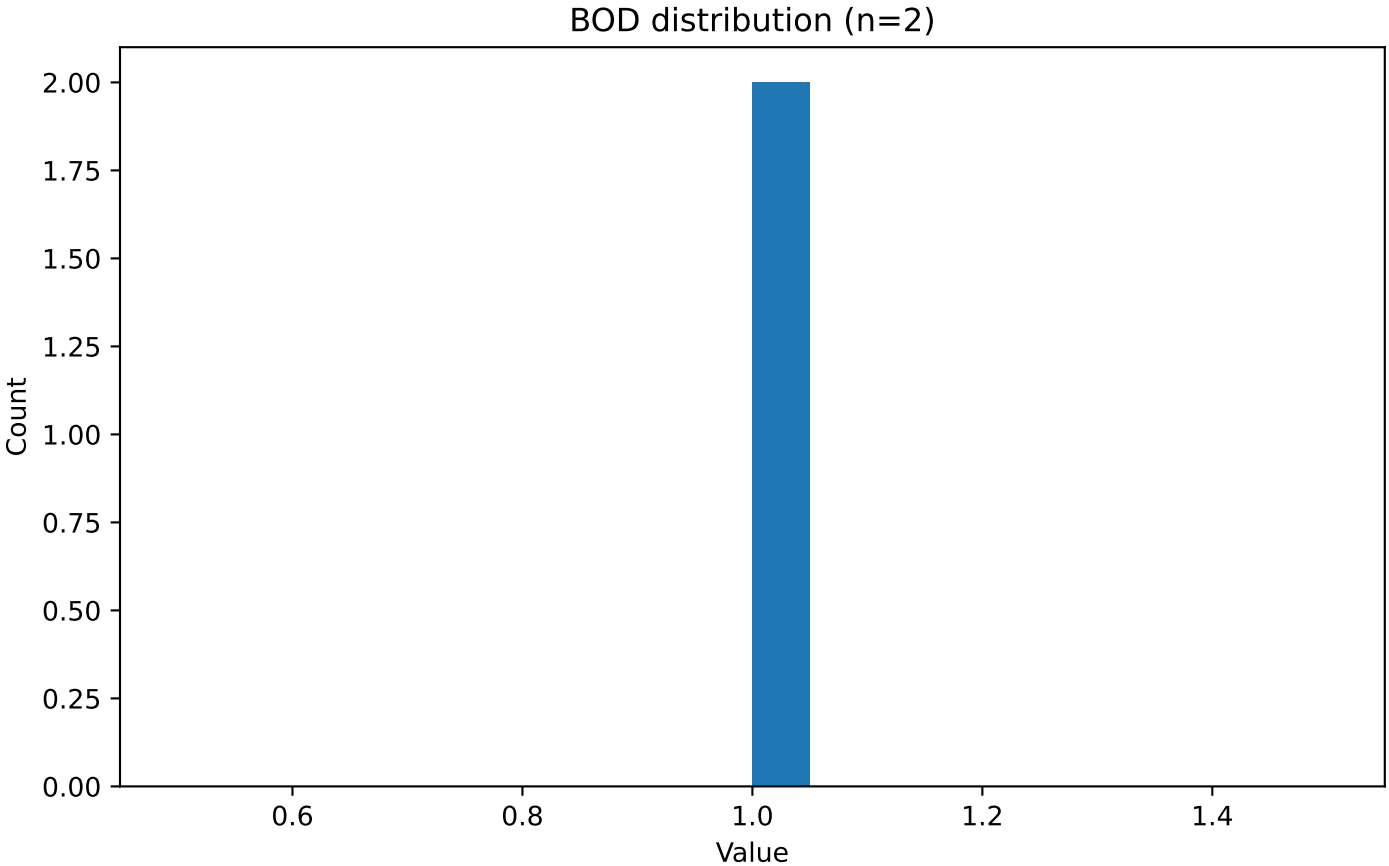
Summary:

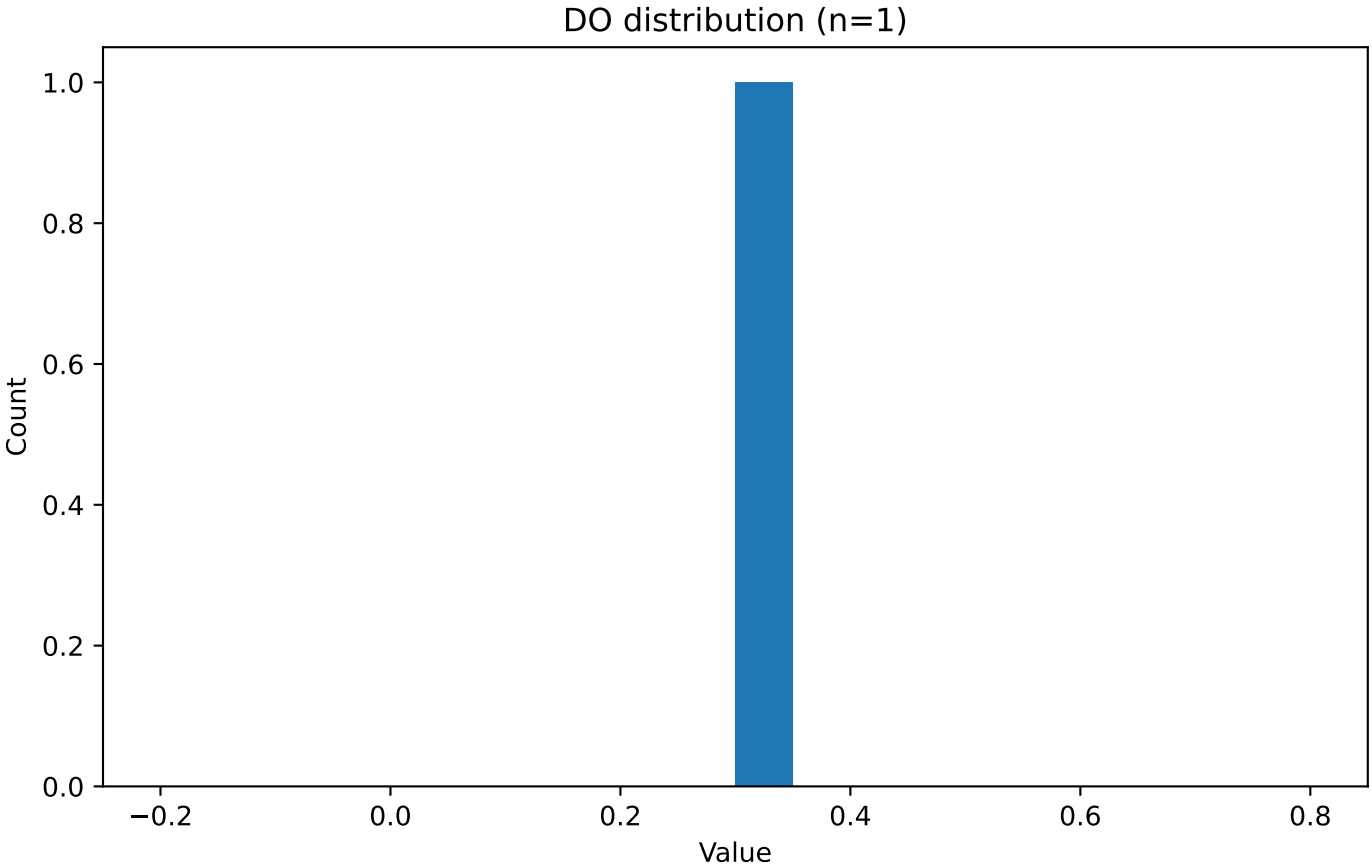
Parsed numeric counts: BOD=2, DO=1, COD=0, pH=0, TDS=0
Score (heuristic): 2.0 -> MODERATE

Top plain-text extract (first 4000 chars):

WATER QUALITY DATA OF DRAINS UNDER NWMP (2020) Dissolve Nitrate-N + Temperature d Conductivity Fecal Coliform To
Coliform pH BOD (mg/L) Nitrite-N N S o l. . S C ta o t d io e n Name L o o f c M at o io n n it oring State Name ºC O (m
xy g g / e L n) (µmhos/cm) (mg/l) (MPN/100ml) (MPN/100ml) Min Max Min Max Min Max Min Max Min Max Min Ma
Max GUNTATHIPPA DRAIN B/C WITH RYVES CANAL AT ANDHRA 1 3052 25 27 4.8 5.8 1289 2100 6.8 7.7 3.4 12.8 2.5 10.5 3
2400 RAMAVARAPPADU, KRISHNA, PRADESH A.P. TULIA BAGH DRAIN AT ANDHRA 2 3053 VEMULAVADA, EAST 26 29 1.2 6 9
8.1 2.9 11.2 0.93 2.41 15 28 210 1100 PRADESH GODAVARI, A.P. OUTLET OF STP ON ANDHRA 3 3067s GODAVARI, RAJAHM
31 4.6 8 180 395 7.2 8.2 1.2 2.7 BDL 2.99 9 21 120 240 PRADESH EAST GODAVARI, A.P. COLLING WATER BLOWDOWNS FR
ANDHRA 4 4369 24 27 BDL 7 288 762 6.9 8 1.5 4.2 0.57 7.6 3 11 43 150 SUGARS LTD, TANUKU BEFORE PRADESH JOININ
GODAVARI GOSTANI RIVER SAMPLE AFTER CONFLUENCE WITH M/S DELTA PAPEER MILL ANDHRA 5 4373 EFFLUENTS, BEND
452 5490 6.8 7.9 2.6 10.6 0.97 5.88 15 23 240 460 PRADESH PALAKODERU (M), BUT BEFORE CONFLUENCE WITH YANAMA
2047 N-CHOE (ATTAWA CHOE), CHANDIGARH 18.2 29 BDL 0.6 556 667 6.8 7.5 33 210 1.5 4.2 BDL 3200000 2.21 175000
CHANDIGARH 7 2048 PATIALA KI RAO, CHANDIGARH CHANDIGARH 17.3 31 BDL BDL 848 1043 7.1 7.8 31 303 3.3 12 3.4 1
34500000 8 2049 SUKHNA CHOE, CHANDIGARH CHANDIGARH 16.5 29 0.5 1 781 1099 7.1 7.5 113 202 0.76 4.7 2.2 7000
22100000 RANIA DRAIN MEETING 0.76 9 4860 DISCHARGE OF PHED STP, 6 HARYANA 7.8 7.8 1.4 8.2 1170 4970 7.8 8.9 7
180000 18000 470000 MLD, RANIA, SIRSA SALANI NALLAH NEAR BRIDGE, HIMACHAL 10 3861 21 30 6.2 9 335 711 7 7.8
0.96 10 70 34 170 NH-7, MOGINAND KALA AMB PRADESH RAMPUR JATTAN MOGINAND NALA BEFORE CONFLUENCE HIMAC
RIVER MARKANDA NEAR 20 26 5 6.2 399 1621 6.9 7.8 BDL 8 1.27 17 920 43 3200 PRADESH BDL RADHA SWAMI SATSANG
NALLAH NEAR HIMACHAL BDL 12 3865 MEERPUR KOTLA, 21 28 6.5 7.5 264 772 6.9 8.1 BDL BDL 1.07 11 46 38 120 PRAD
GURUDWARA SARVARI NALLAH BEFORE HIMACHAL 0.38 13 3867 5 18 8.7 10.7 119 187 7 7.9 BDL BDL 0.71 23 63 94 220
TO RIVER BEAS PRADESH BARAGRAM NALLAH BEFORE HIMACHAL 0.6 14 3868 3 11 8.7 11.2 39 110 6.9 8.1 BDL BDL 0.72
220 CONFLUENCE TO RIVER BEAS PRADESH SURAJMUKHI NALLAH U/S HIMACHAL 15 3875 DWSS GALAYANA NEAR M/S 17
6.4 8.6 BDL 2.2 6 17 22 130 PRADESH SHOOLINI UNIVERSITY - - WATER QUALITY DATA OF DRAINS UNDER NWMP (2020) D
Nitrate-N + Temperature d Conductivity Fecal Coliform Total Coliform pH BOD (mg/L) Nitrite-N N S o l. . S C ta o t d io
e n Name L o o f c M at o io n n it oring State Name ºC O (m xy g g / e L n) (µmhos/cm) (mg/l) (MPN/100ml) (MPN/100ml)
Min Max Min Max Min Max Min Max Min Max Min Max Min Max Min Max BHATIAN NALLAH U/S HIMACHAL 16 3879 22 35 1
6.6 8 1.2 48 7 120 26 540 BHATIAN VILLAGE, NALAGARH PRADESH - - BHATIAN NALLAH D/S SARA HIMACHAL 18 3881 25
409 5940 6.8 8.1 1.4 58 13 110 39 430 TEXTILE, NALAGARH PRADESH - - TAALO NALA (FROM NAHAR HIMACHAL 19 4029
KHADDAR KA BAGH PRADESH 18 25 6.8 8 368 631 6.8 7.8 BDL 1.7 BDL 1.39 11 46 38 150 B/C TO RIVER MARKANDA 20 4
NALLAH U/S BHURI HIMACHAL 3 18 8.3 9.1 204 393 7.1 7.9 BDL BDL BDL 0.79 2 2 17 46 SINGH SHEP PRADESH SAHU NAL


Mean Parameter Values
Mean value
1.0
0.8
0.6
0.4
0.2
0.0
BOD
DO


BOD distribution (n=2)
Count
Value
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
0.6
0.8
1.0
1.2
1.4


DO distribution (n=1)
Count
Value
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
0.0
0.2
0.4
0.6
0.8

col_0	WATER QUALITY DATA OF DRA	col_2	col_3	col_4	col_5	col_6	col_7	col_8	col_9	col_10	col_11	col_12	col_13	col_14	col_15	col_16	col_17	col_18	col_19	col_20	col_21	col_22	col_23
Sl. No.		Stati Code	Nam Loca	State	Temp °C			Diss d Oxyg			Cond (umh		pH		BOD		Nitrate-N + Nitri		Feca (MPN		Tota (MPN		
					Min		(mg/ Min				Min		Min		Min		Min		Min		Min		
1		3052	GUNTATHIPPA DRAIN B/C WITH	AND PRA	25	27	4.8		5.8		1289	2100	6.8	7.7	3.4	12.8	2.5	10.5	3	3	1100	2400	
2		3053	RAMA RAGH DRAIN AT VEM	AND PRA	26	29	1.2		6		940	2346	6.8	8.1	2.9	11.2	0.93	2.41	15	28	210	1100	
3		3067	OUT… STP ON GODDING	AND PRA	24	31	4.6		8		180	395	7.2	8.2	1.2	2.7	BDL	2.99	9	21	120	240	
4		4369	GOSTHANI RIVER SAMPLE AFTER CONFLUENCE WITH SUG… M/S … PAPER MILL	AND PRA	24	27	BDL		7		288	762	6.9	8	1.5	4.2	0.57	7.6	3	11	43	150	
5		4373	EFFL	AND PRA	23	27	BDL		6.8		452	5490	6.8	7.9	2.6	10.6	0.97	5.88	15	23	240	460	
6		2047	N-CH CHA	CHA	18.2	29	BDL		0.6		556	667	6.8	7.5	33	210	1.5	4.2	BDL	3200	2.21	1750	0
7		2048	PATI	CHA	17.3	31	BDL		BDL		848	1043	7.1	7.8	31	303	3.3	12	3.4	1750	BDL	3450	0
8		2049	SUKI	CHA	16.5	29	0.5		1		781	1099	7.1	7.5	113	202	0.76	4.7	2.2	7000	1.41	2210	0
9		4860	RANIA DRAIN MEETING DISC	HAR	7.8	7.8	1.4		8.2		1170	4970	7.8	8.9	7	72	0.76	34	3600	1800	1800	4700	
10		3861	RAMPUR … NH … NALLAH BEFORE CONFLUENCE	HIMA PRA	21	30	6.2		9		335	711	7	7.8	BDL	2.4	BDL	0.96	10	70	34	170	
11		3863	TO R	HIMA PRA	20	26	5		6.2		399	1621	6.9	7.8	BDL	8	BDL	1.27	17	920	43	3200	
12		3865	ROORI NALLAH NEAR MEE	HIMA PRA	21	28	6.5		7.5		264	772	6.9	8.1	BDL	BDL	BDL	1.07	11	46	38	120	
13		3867	SARV CON	HIMA PRA	5	18	8.7		10.7		119	187	7	7.9	BDL	BDL	0.38	0.71	23	63	94	220	
14		3868	BAR CON	HIMA PRA	3	11	8.7		11.2		39	110	6.9	8.1	BDL	BDL	0.6	0.72	21	58	120	220	
15		3875	SUKHI NALLAH U/S DWS SHOOLINI UNIVERSITY	HIMA PRA	17	20	5.2		8.3		521	867	6.4	8.6	BDL	2.2	-	-	6	17	22	130	

Nitrate-N + Nitrite-N (mg/l)

WATER QUALITY DATA OF DRA

Sl. No.		Stat Code	Nam Loca	Stat	Tem °C			Diss d Oxyg			Cond (µmh		pH		BOD		Nitri		Feca (MPN		Tota (MPN		
					Min		(mg/ Min				Min		Min		Min		Min		Min		Min		
16		387	BHA BHA	HIM PRA	22	35	1		5		161	603	6.6	8	1.2	48	-	-	7	120	26	540	
18		388	BHA TAL	HIM PRA	25	35	0.5		4.5		409	594	6.8	8.1	1.4	58	-	-	13	110	39	430	
19		402	TOW SAH	HIM PRA	18	25	6.8		8		368	631	6.8	7.8	BDL	1.7	BDL	1.39	11	46	38	150	
20		403	SAH SING	HIM PRA	3	18	8.3		9.1		204	393	7.1	7.9	BDL	BDL	BDL	0.79	2	2	17	46	
21		403	SAH SING	HIM PRA	3	18	8.3		9		150	399	7.2	8	BDL	BDL	BDL	1.35	2	2	24	48	
22		442	RAW CHU	HIM PRA	8.5	17	7.9		9.8		108	185	7.5	8.3	BDL	2.3	BDL	1.1	2	23	6	540	
23		443	CON JAM	HIM PRA	10.2	27	6		8.7		378	575	7	8.1	2.4	87.5	1.61	8.26	110	160	160	160	
24		445	WAT MOH	HIM PRA	3	16	8.2		9.2		103	194	7.3	8	BDL	BDL	BDL	1.2	2	2	14	46	
25		445	SUP SAIN	HIM PRA	3	16	8.3		9.2		115	409	6.9	8.1	BDL	BDL	BDL	0.65	2	2	17	58	
26		446	WAT	HIM	11	29	7.6		9.2		305	410	7.6	8.7	BDL	BDL	0.44	2.4	2	70	23	430	
27		446	SAIN	HIM PRA	10	29	7.5		9.5		483	749	7.9	8.6	BDL	1.2	BDL	0.93	4	79	24	920	
28		446	JARA NALA	HIM PRA	3	11	8.9		9.3		102	200	7.8	8	BDL	BDL	BDL	1.11	2	2	27	48	
29		447	MAT	HIM	6	12	9.3		10		167	683	7.4	8.3	BDL	BDL	BDL	0.72	4	49	13	540	
30		447	MAN SCH	HIM PRA	6	12	9.2		9.8		109	667	7.5	8.4	BDL	BDL	BDL	0.95	6	94	110	920	
31		447	SUP TOW	HIM PRA	2	11	8.8		11.3		30	67	6.6	8.3	BDL	BDL	BDL	0.89	11	39	49	140	
32		447	SUP SUR	HIM PRA	5	19	8.3		11.1		146	228	7.7	8.1	BDL	BDL	BDL	1.7	17	38	94	150	
33		448	SAM	HIM PRA	17	20	5.3		8.2		304	870	6.8	8.7	BDL	1.6	-	-	4	14	24	49	

Recommended Treatment Actions

• Low DO: increase aeration (diffused aeration), check mixing and organic load; consider fine-bub
diffusers or blowers upgrade.