

23RD APRIL 2018 - 30TH MARCH 2019

Test Date	Monthly Rainfall	DISCHARGE AND MP1										MP2	MP4			Phos			
		Faecal Collforms	Amm	pH	TSS	BOD	O&G	Nitrate	Phos	TSS Ld	BOD Ld	O&G Ld	Nitrate Ld	Phos Ld	Daily Reading		Down Stream		
															Phos		Nitrates	pH	
23/04/2018	6	9	0.06	9.37	86	9	2	9.25	1.9	61.963	6.4845	1.441	6.664625	1.36895	721	0.16	1.28	7.14	0.05
28/05/2018	40	9	2.4	8.37	54	8	2	12.9	0.76	42.174	6.248	1.562	10.0749	0.59356	781	0.5	1.17	7.06	0.05
25/06/2018	73.5	27	5.4	8.54	4	13	2	16.9	0.27	4.19	13.6175	2.095	17.70275	0.282825	1048	0.05	2	7.16	0.05
30/07/2018	15	9	5.2	8.57	34	22	2	16.3	0.36	32.062	20.746	1.886	15.3709	0.33948	943	0.05	1.9	7.15	0.05
28/08/2018	77	0	4.5	9.01	31	18	2	12.5	0.46	31.093	18.054	2.006	12.5375	0.46138	1003	0.06	2.6	7.22	0.05
24/09/2018	53.5	9	0.56	8.39	18	0	2	4	0.32	20.817	0	2.313	4.626	0.37008	1156	0.07	1.29	7.34	0.05
22/10/2018	56	27	0.78	7.54	23	3	2	5.7	0.48	15.4445	2.0145	1.343	3.82755	0.32232	671	0.09	0.86	7.08	0.05
12/11/2018	123.5	9	0.76	8.74	19	8	2	4.9	0.9	24.7	10.4	2.6	6.37	1.17	1300	0.09	1.4	7.11	0.05
10/12/2018	68.5	9	0.67	10.2	66	5	2	0.25	1.9	70.653	5.3525	2.141	0.267625	2.03395	1070	0.14	0.16	7.04	0.14
6/01/2019	138.5	0	0.17	7.52	42	27	3	12	1.6	57.981	37.2735	4.1415	16.566	2.2088	1381	0.16	1.6	6.92	0.05
12/02/2019	71	0	0.16	7.71	53	18	2	6	1.4	69.8805	23.733	2.637	7.911	1.8459	1318	0.13	0.05	7.17	0.05
30/03/2019	105	0	0.24	7.12	72	11	2	22	1.4	74.232	11.341	2.062	22.682	1.4434	1031	0.17	1.7	7.05	0.11
Min		0	0.06	7.12	4	0	2	0.25	0.27						Min	0.05	0.05	6.92	0.05
Mean		9	1.741667	8.423333	41.83333	11.83333	2.083333	10.225	0.979167						Mean	0.139167	1.334167	7.12	0.0625
Max		27	5.4	10.2	86	27	3	22	1.9						Max	0.5	2.6	7.34	0.14
Sum of Observed Daily Loads										505.19	155.2645	26.2275	124.6008	12.44064	12423.5				
Flow Weighted Concentration										0.040664	0.012498	0.002111	0.010029	0.001001					
Flow Weighted Concentration X Total Flow										13634.86	4190.523	707.8691	3362.924	335.7677					
STORMWATER BYPASS TOTAL (k L)												3463462							

ANNUA
MEAN DAI
MIN DAILY
MAX DAILY

MP3		MP2	PERCENTILE CONCENTRATION LIMIT DISCHARGE TO WATER/MONITORING POINT 1					
Up Stream		Monthly Flow	POLLUTANT		50 PERCENTILE	80 PERCENTILE	90 PERCENTILE	100 PERCENTILE
Nitrates	p H				CONCENTRATION LIMITS	CONCENTRATION LIMITS	CONCENTRATION LIMITS	CONCENTRATION LIMITS
			OIL AND GREASE	LIMIT				10
0.45	7.18	21248		READING				3
0.54	7.17	22745	p H	LIMIT				6.5 - 8.5
0.6	7.32	27492		READING				10.20
0.36	7.25	29943	NITROGEN (TOTAL)	LIMIT			15	20
0.56	7.24	30940		READING			17	22
0.53	7.34	28441	PHOSPHOROUS (TOTAL)	LIMIT			1	2
0.4	7.01	26899		READING			2	2
1.1	7.03	28530	FAECAL COLIFORMS	LIMIT		200		600
0.06	6.94	27557		READING		9		27
0.6	6.82	32630	TOTAL SUSPENDED SOLIDS (TSS)	LIMIT	20		25	30
0.05	6.97	28225		READING	38		71	86
0.3	6.93	30655	BIOCHEMICAL OXYGEN DEMAND (BOD)	LIMIT	15		20	30
0.05	6.82			READING	10		22	27
0.4625	7.1							
1.1	7.34							
L FLOW		335305						
LY FLOW k		918.64						
/ FLOW k L		202.00						
Y FLOW k L		2149.00						

Load Limits kg
Assessable Load (AL) (To Date)
Small Plant Factor (<10000 ML per Year)
Fee Rate Threshold (FRT) Factor
Calculated Fee Rate Threshold (CFRT)
Applied Fee Rate Threshold (AFRT)
Calculation Fator (CF)
Calculated Pollutant fee