

CERES WASTEWATER TREATMENT PLANT														
PARAMETERS	GENERAL LIMITS	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	AVE
<u>MICROBIOLOGICAL</u>														
Faecal Colif0rms (org/100ml)	< 1000	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	102	<1	100
<u>PHYSICAL</u>														
pH	5.5 - 9.5	7.1	9.4	7.6	7.6	8.9	8.9	69.5	7.9	7.2	8.0	7.5	8.2	100
Conductivity (at 25°C) (mS/m)	150.0	62.5	65.5	68.5	68.0	77.5	67.5	69.5	64.0	67.0	89.5	109.0	97.5	100
TSS (mg/l)	25.0	5.0	13.0	7.0	6.0	10.0	15.0	30.0	19.0	14.0	13.0	6.0	14.0	92
<u>CHEMICAL</u>														
Ammonia Nitrogen as N (mg/l)	6.0	0.3	0.3	2.0	1.7	4.5	1.3	0.2	1.4	<0.1	0.2	0.6	0.9	100
Nitrate Nitrogen as N (mg/l)	15.0	12.8	11.4	4.0	4.9	0.3	0.3	4.7	0.3	1.0	0.2	<0.2	0.2	100
Ortho Phosphate as P (mg/l)	10.0	3.2	2.9	2.8	3.7	4.9	0.9	1.1	3.2	2.5	<0.1	<0.1	1.8	100
COD (mg/l) - Unfiltered	75.0	47.6	46.9	68.2	59.0	87.4	63.9	54.6	56.9	40.8	48.8	32.3	54.0	92
<b>MICRO</b>		100	100	100	100	100	100	100	100	100	100	100	100	100
<b>PHYSICAL</b>		100	100	100	100	100	100	67	100	100	100	100	100	97
<b>CHEMICAL</b>		100	100	100	100	75	100	100	100	100	100	100	100	98
<b>OVERALL COMPLIANCE</b>		100	100	100	100	92	100	89	100	100	100	100	100	98