

TULBAGH 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
MICROBIOLOGICAL														
Faecal Colif0rms (org/100ml)	< 1000	<1	34	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	100
PHYSICAL														
pH	5.5 - 9.5	7.56	7.86	6.82	6.93	7.07	7.45	7.57	8.52	7.55	6.58	7.29	7.11	100
Conductivity (at 25°C) (mS/m)	150	101	80	103	83.5	84	96.5	69	56	71.5	68.5	80	117	100
TSS (mg/l)	25	34	11	95	38	28	18	31	20	5	<4	14	14	58
CHEMICAL														
Ammonia Nitrogen as N (mg/l)	6	5.2	12.6	<0.1	12.3	6.7	<0.1	14.4	0.12	0.17	0.13	<0.1	<0.15	67
Nitrate Nitrogen as N (mg/l)	15	6	11	6.2	<0.2	8.3	5.7	2.5	8.8	0.3	0.53	16.8	3.1	92
Ortho Phosphate as P (mg/l)	10	2.1	0.99	3.3	2	1.6	0.54	0.62	0.3	3.2	<0.1	<0.1	1.2	100
COD (mg/l) - Unfiltered	75	61.4	60.4	154	99.8	59.6	67.1	49.8	57.1	74.5	46.4	59.4	55.2	83
MICRO		100	100	100	100	100	100	100	100	100	100	100	100	100
PHYSICAL		67	100	67	67	67	100	67	100	100	100	100	100	86
CHEMICAL		100	75	75	50	75	100	75	100	100	100	75	100	85
OVERALL COMPLIANCE		89	92	81	72	81	100	81	100	100	100	92	100	91