

TULBAGH WASTEWATER TREATMENT PLANT														
PARAMETERS	GENERAL LIMITS	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	AVE
MICROBIOLOGICAL														
Faecal Colif0rms (org/100ml)	< 1000	>2419	47	92	<1	<1	<1	<1	75	<1	<1	<1	291	92
PHYSICAL														
pH	5.5 - 9.5	7.34	7.12	6.33	7.5	7.26	6.87	7.47	7.35	7.97	7.19	6.82	7.07	100
Conductivity (at 25°C) (mS/m)	150	64	75.5	32	80.5	95.5	87.5	83.5	91	114	113	77.5	76	100
TSS (mg/l)	25	<4	10	<4	<4	32	6	21	56	37	36	8	10	67
CHEMICAL														
Ammonia Nitrogen as N (mg/l)	6	16.8	8.7	3.7	<0.1	9	0.12	22.1	13.1	11.2	<0.1	<0.1	12.1	42
Nitrate Nitrogen as N (mg/l)	15	9.4	11.9	4.2	8	3	5.4	<0.2	<0.2	1	11.1	11.3	26.1	92
Ortho Phosphate as P (mg/l)	10	1.4	6.9	0.79	0.88	2.3	0.22	2	6.8	3.5	0.21	0.28	0.59	100
COD (mg/l) - Unfiltered	75	44.4	92.4	45.7	43.6	73.9	62.2	73.6	89.4	94.8	76.6	43.6	62.1	67
MICRO		0	100	100	100	100	100	100	100	100	100	100	100	92
PHYSICAL		100	100	100	100	67	100	100	67	67	67	100	100	89
CHEMICAL		75	50	100	100	75	100	75	50	50	75	100	50	75
OVERALL COMPLIANCE		58	83	100	100	81	100	92	72	72	81	100	83	85