

TULBAGH WASTEWATER TREATMENT PLANT														
PARAMETERS	GENERAL LIMITS	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	AVE
MICROBIOLOGICAL														
Faecal Colif0rms (org/100ml)	< 1000	2419	2419	2419	1986	2419	4	<1	79	<1	1	7	<1	58
PHYSICAL														
pH	5.5 - 9.5	6.6	7.11	7.08	6.3	7.5	6.9	6.84	6.89	7.13	6.64	6.58	6.28	100
Conductivity (at 25°C) (mS/m)	150	89.4	73.5	77.2	48.6	70.3	76	75	62.5	80.5	74	66	59	100
TSS (mg/l)	25	40	29	32	6	8	9	31	25	55	47	78	<4	42
CHEMICAL														
Ammonia Nitrogen as N (mg/l)	6	41.4	14.1	19.7	6.4	33.1	5.2	24.4	20.2	38.1	38.3	38.3	12.7	33
Nitrate Nitrogen as N (mg/l)	15	<0.28	3.6	3.2	1.6	0.23	2.8	<0.2	2.6	<0.2	<0.2	<0.2	2.7	100
Ortho Phosphate as P (mg/l)	10	4.7	1.2	3	0.97	4.9	4	8.3	4	6.9	4.8	7.1	1.4	100
COD (mg/l) - Unfiltered	75	167	88.2	105	73.4	87.7	76	118	76.1	154	128	64	51.9	25
MICRO		0	0	0	0	0	100	100	100	100	100	100	100	58
PHYSICAL		67	67	67	100	100	100	67	100	67	67	67	100	81
CHEMICAL		50	75	75	100	50	75	50	50	50	50	75	75	65
OVERALL COMPLIANCE		39	47	47	67	50	92	72	83	72	72	81	92	68