



**MITCHELL HWY REALIGNMENT PROJECT
GUANNA HILL
Water Monitoring Data**

Water Monitoring Location		Date of Sampling and Discharge	pH	Total Suspended Solids (mg/L)	Oil & Grease (mg/L)	Turbidity (NTU)	Comment
EPL Release Limit			6.5 - 8.5	50	10	50	
Sediment Basin 3	EPL Discharge Point 5	26/09/2016	7.75	20	<5	26.1	
Sediment Basin 4	EPL Discharge Point 6	26/09/2016	8.26	22	<5	23.8	
Cut 3 Turkeys Nest	EPL Discharge Point 2	28/09/2016	7.83	<5	<5	31.4	
Sediment Basin 3	EPL Discharge Point 5	5/10/2016	7.82	30	<5	39.1	
Sediment Basin 4	EPL Discharge Point 6	5/10/2016	8.47	26	<5	26.6	
Culvert 20	EPL Discharge Point 8	13/12/2016	7.82	12.0	<5	4.4	springwater ingress
Culvert 20	EPL Discharge Point 8	19/12/2016	8.36	6.0	<5	3.0	springwater ingress
Sediment Basin 3	EPL Discharge Point 5	20/12/2016	8.09	8.0	<5	22.0	
Culvert 20 upstream	EPL Discharge Point 8	24/02/2017	8.09	11.0	<5	1.7	springwater ingress
Culvert 20 downstream	EPL Discharge Point 8	24/02/2017	8.04	<5	<5	0.6	springwater ingress
Culvert 20	EPL Discharge Point 8	10/03/2017	8.25	16.0	<5	5.7	springwater ingress
Culvert 14 Outlet	EPL Discharge Point 5	23/03/2017	7.39	18.0	<5	40.2	
Sediment Basin 1	EPL Discharge Point 3	28/03/2017	7.94	16	<5	33.8	
Sediment Basin 1a	EPL Discharge Point 3	28/03/2017	7.79	21	<5	45.5	
Sediment Basin 2	EPL Discharge Point 4	28/03/2017	7.67	22	<5	12.6	
Sediment Basin 3	EPL Discharge Point 5	28/03/2017	7.67	22	<5	47.8	
Sediment Basin 5	EPL Discharge Point 7	28/03/2017	7.72	32	<5	45.8	
Culvert 20	EPL Discharge Point 8	5/04/2017	8.1	40	10	14.9	springwater ingress
Sediment Basin 1	EPL Discharge Point 3	11/08/2017	7.78	12	<5	17.6	
Sediment Basin 3	EPL Discharge Point 5	11/08/2017	8.36	7	<5	0.7	

