

CPB Contractors

The Northern Road Upgrade Project

Environment Protection Licence No 21189

Surface Water Discharge Monitoring Data



Table 1 – 2019 Data For Project Stages TNR5 & 6.

EPA Identification no.	EPL Location Description	Site Water Source ID	Date of Discharge	pH (unit)	Oil and Grease (Visibility)	Total Suspended Solids (mg/L)
3	Directed to natural water course ultimately discharging to Cosgroves Creek	S250	28/9/2019	7.08	No	16
3	Directed to natural water course ultimately discharging to Cosgroves Creek	G120	30/9/2019	6.95	No	8
7	Directed to natural water course ultimately discharging to Mulgoa Creek	N1740	30/9/2019	6.91	No	6
1	Directed to natural watercourse (unnamed tributary of Surveyors Creek)	N5050 SOUTH	1/10/2019	6.51	No	6
1	Directed to natural watercourse (unnamed tributary of Surveyors Creek)	N5050 NORTH	1/10/2019	6.55	No	<5
1	Directed to natural watercourse (unnamed tributary of Surveyors Creek)	P12 Culvert	5/10/2019	6.58	No	14
1	Directed to natural watercourse (unnamed tributary of Surveyors Creek)	P12 Culvert	19/10/2019	7.82	No	24
1	Directed to natural watercourse (unnamed tributary of Surveyors Creek)	P12 Culvert	19/10/2019	7.70	No	31
1	Directed to natural watercourse (unnamed tributary of Surveyors Creek)	P12 Culvert	22/10/2019	7.35	No	10
1	Directed to natural watercourse (unnamed tributary of Surveyors Creek)	N5050 SOUTH	2/10/2019	6.62	No	11
7	Directed to natural water course ultimately discharging to Mulgoa Creek	N1740	16/10/2019	7.11	No	8
1	Directed to natural watercourse (unnamed tributary of Surveyors Creek)	N5050	21/10/2019	7.86	No	<5
1	Directed to natural watercourse (unnamed tributary of Surveyors Creek)	Area N3 Northern Culvert	21/10/2019	7.35	No	10
3	Directed to natural water course ultimately discharging to Cosgroves Creek	S2900	11/11/2019	6.65	No	7
3	Directed to natural water course ultimately discharging to Cosgroves Creek	BS05	23/09/2019	6.56	No	8
2	Cosgroves Creek	BS03	18/10/2019	7.24	No	16
3	Directed to natural water course ultimately discharging to Cosgroves Creek	BS09	24/10/2019	7.25	No	15

Table 2 - 2020 Data For Project Stages TNR5 & 6

EPA Identification no.	EPL Location Description	Site Water Source ID	Date of Discharge	pH (unit)	Oil and Grease (Visibility)	Total Suspended Solids (mg/L)
3	Directed to natural water course ultimately discharging to Cosgroves Creek	BS09	31/1/2020	7.08	No	21
3	Directed to natural water course ultimately discharging to Cosgroves Creek	BS06	31/1/2020	7.41	No	14
7	Directed to natural water course ultimately discharging to Mulgoa Creek	N1790	22/2/2020	7.11	No	28
2	Cosgroves Creek	BS01	22/2/2020	7.74	No	8
3	Directed to natural water course ultimately discharging to Cosgroves Creek	S3640	22/2/2020	7.09	No	6
3	Directed to natural water course ultimately discharging to Cosgroves Creek	BS14	22/2/2020	7.75	No	8
3	Directed to natural water course ultimately discharging to Cosgroves Creek	BS05	22/2/2020	7.47	No	13
3	Directed to natural water course ultimately discharging to Cosgroves Creek	S2130	22/2/2020	6.99	No	12
3	Directed to natural water course ultimately discharging to Cosgroves Creek	BS19	22/02/2020	7.51	No	7
3	Directed to natural water course ultimately discharging to Cosgroves Creek	BS03	22/2/2020	7.58	No	24
3	Directed to natural water course ultimately discharging to Cosgroves Creek	BS10	24/2/2020	7.17	No	<5
3	Directed to natural water course ultimately discharging to Cosgroves Creek	BS06	26/2/2020	6.98	No	7
3	Directed to natural water course ultimately discharging to Cosgroves Creek	BS07	26/2/2020	6.64	No	5
3	Directed to natural water course ultimately discharging to Cosgroves Creek	BS09	26/2/2020	7.22	No	<5
3	Directed to natural water course ultimately discharging to Cosgroves Creek	BS08	27/2/2020	7.73	No	16
3	Directed to natural water course ultimately discharging to Cosgroves Creek	BS11	27/2/2020	7.10	No	6
3	Directed to natural water course ultimately discharging to Cosgroves Creek	BS07	7/3/2020	7.28	No	15
3	Directed to natural water course ultimately discharging to Cosgroves Creek	BS11	7/3/2020	7.10	No	13
3	Directed to natural water course ultimately discharging to Cosgroves Creek	S2900	10/3/2020	6.80	No	27
1	Directed to natural watercourse (unnamed tributary of Surveyors Creek)	Area N3 Northern Culvert	10/3/2020	7.25	No	<5
3	Directed to natural water course ultimately discharging to Cosgroves Creek	S3640	10/3/2020	7.03	No	6
7	Directed to natural water course ultimately discharging to Mulgoa Creek	N1740	10/3/2020	6.78	No	7
3	Directed to natural water course ultimately discharging to Cosgroves Creek	S2130	10/3/2020	7.07	No	7
7	Directed to natural water course ultimately discharging to Mulgoa Creek	N1790	31/3/2020	7.90	No	10

3	Directed to natural water course ultimately discharging to Cosgroves Creek	S2130	31/3/2020	7.70	No	6
1	Directed to natural watercourse (unnamed tributary of Surveyors Creek)	N5080	6/4/2020	8.20	No	7
1	Directed to natural watercourse (unnamed tributary of Surveyors Creek)	N5050	6/4/2020	8.18	No	16

EPA Identification no.	EPL Location Description	Site Water Source ID	Date of Discharge	pH (unit)	Oil and Grease (Visibility)	Turbidity (FNU)
3	Directed to natural water course ultimately discharging to Cosgroves Creek	BS14	6/4/2020	7.96	No	4
2	Cosgroves Creek	BS03	6/4/2020	7.99	No	0
2	Cosgroves Creek	BS01	6/4/2020	7.94	No	2
7	Directed to natural water course ultimately discharging to Mulgoa Creek	N1740	7/4/2020	8.01	No	2
3	Directed to natural water course ultimately discharging to Cosgroves Creek	S3640	7/4/2020	7.88	No	3
3	Directed to natural water course ultimately discharging to Cosgroves Creek	S2900	7/4/2020	7.41	No	17
3	Directed to natural water course ultimately discharging to Cosgroves Creek	S2130	7/4/2020	7.50	No	3
3	Directed to natural water course ultimately discharging to Cosgroves Creek	BS08	8/4/2020	8.18	No	2
3	Directed to natural water course ultimately discharging to Cosgroves Creek	BS07	8/4/2020	7.65	No	0
3	Directed to natural water course ultimately discharging to Cosgroves Creek	BS09	8/4/2020	7.92	No	0
3	Directed to natural water course ultimately discharging to Cosgroves Creek	S250	8/4/2020	7.69	No	24
1	Directed to natural watercourse (unnamed tributary of Surveyors Creek)	P12 Culvert	23/4/2020	8.48	No	56
7	Directed to natural water course ultimately discharging to Mulgoa Creek	N1740	30/4/2020	7.53	No	0
3	Directed to natural water course ultimately discharging to Cosgroves Creek	BS11	4/5/2020	7.94	No	4
3	Directed to natural water course ultimately discharging to Cosgroves Creek	BS10	4/5/2020	7.81	No	0
3	Directed to natural water course ultimately discharging to Cosgroves Creek	BS09	4/5/2020	7.62	No	0
3	Directed to natural water course ultimately discharging to Cosgroves Creek	BS19	5/5/2020	7.75	No	5
3	Directed to natural water course ultimately discharging to Cosgroves Creek	BS22	5/5/2020	8.38	No	24
3	Directed to natural water course ultimately discharging to Cosgroves Creek	BS15	5/5/2020	7.66	No	12
3	Directed to natural water course ultimately discharging to Cosgroves Creek	BS14	5/5/2020	8.36	No	17
3	Directed to natural water course ultimately discharging to Cosgroves Creek	BS13	5/5/2020	8.04	No	16

2	Cosgroves Creek	BS01	5/5/2020	8.13	No	14
3	Directed to natural water course ultimately discharging to Cosgroves Creek	BS21	5/5/2020	7.49	No	17
3	Directed to natural water course ultimately discharging to Cosgroves Creek	BS07	8/5/2020	8.09	No	0
3	Directed to natural water course ultimately discharging to Cosgroves Creek	BS06	8/5/2020	8.06	No	0

EPA Identification no.	EPL Location Description	Site Water Source ID	Date of Discharge	pH (unit)	Oil and Grease (Visibility)	Turbidity (FNU)
3	Directed to natural water course ultimately discharging to Cosgroves Creek	G120	21/5/2020	6.7	No	0
3	Directed to natural water course ultimately discharging to Cosgroves Creek	BS06	26/5/2020	7.6	No	0
3	Directed to natural water course ultimately discharging to Cosgroves Creek	BS09	26/5/2020	7.9	No	8.6
3	Directed to natural water course ultimately discharging to Cosgroves Creek	G120	26/5/2020	7.7	No	32.5
3	Directed to natural water course ultimately discharging to Cosgroves Creek	BS19	26/5/2020	7.5	No	0
3	Directed to natural water course ultimately discharging to Cosgroves Creek	BS14	26/5/2020	7.4	No	49.5
3	Directed to natural water course ultimately discharging to Cosgroves Creek	BS08	27/5/2020	7.9	No	4.7
3	Directed to natural water course ultimately discharging to Cosgroves Creek	BS10	27/5/2020	7.8	No	28.8
3	Directed to natural water course ultimately discharging to Cosgroves Creek	BS11	27/5/2020	7.6	No	2.4
3	Directed to natural water course ultimately discharging to Cosgroves Creek	BS09	27/5/2020	7.92	No	0
3	Directed to natural water course ultimately discharging to Cosgroves Creek	BS01	27/5/2020	7.2	No	33.1
3	Directed to natural water course ultimately discharging to Cosgroves Creek	BS13	27/5/2020	7.9	No	30
3	Directed to natural water course ultimately discharging to Cosgroves Creek	BS04	27/5/2020	8.3	No	0
3	Directed to natural water course ultimately discharging to Cosgroves Creek	BS21	27/5/2020	8.2	No	46.4
3	Directed to natural water course ultimately discharging to Cosgroves Creek	BS14	27/5/2020	7.9	No	0
3	Directed to natural water course ultimately discharging to Cosgroves Creek	BS15	27/5/2020	8.3	No	0
3	Directed to natural water course ultimately discharging to Cosgroves Creek	BS19	27/5/2020	8.1	No	17.1

3	Directed to natural water course ultimately discharging to Cosgroves Creek	BS22	27/5/2020	8.1	No	15.2
1	Directed to natural watercourse (unnamed tributary of Surveyors Creek)	N5080	28/5/2020	7.5	No	17
1	Directed to natural watercourse (unnamed tributary of Surveyors Creek)	Sump Ch4800	28/5/2020	8	No	21
3	Directed to natural water course ultimately discharging to Cosgroves Creek	G120	2/6/2020	7.3	No	13
3	Directed to natural water course ultimately discharging to Cosgroves Creek	BS03	2/6/2020	7.1	No	18
1	Directed to natural watercourse (unnamed tributary of Surveyors Creek)	N5080	3/6/2020	7.5	No	45
3	Directed to natural water course ultimately discharging to Cosgroves Creek	BS15	3/6/2020	7.1	No	1.5
3	Directed to natural water course ultimately discharging to Cosgroves Creek	BS22	3/6/2020	6.9	No	0
1	Directed to natural watercourse (unnamed tributary of Surveyors Creek)	P12 Culvert	10/6/2020	8.1	No	0
1	Directed to natural watercourse (unnamed tributary of Surveyors Creek)	N5050	10/6/2020	N/A	N/A	N/A
3	Directed to natural water course ultimately discharging to Cosgroves Creek	BS14	10/6/2020	8	No	0
3	Directed to natural water course ultimately discharging to Cosgroves Creek	BS19	11/6/2020	7.8	No	3
1	Directed to natural watercourse (unnamed tributary of Surveyors Creek)	P12 Culvert	12/6/2020	8.4	No	30
3	Directed to natural water course ultimately discharging to Cosgroves Creek	G120	12/6/2020	8.4	No	0
1	Directed to natural watercourse (unnamed tributary of Surveyors Creek)	P12 Culvert	15/6/2020	6.7	No	33.2
3	Directed to natural water course ultimately discharging to Cosgroves Creek	BS06	16/6/2020	7.5	No	1.7
3	Directed to natural water course ultimately discharging to Cosgroves Creek	BS09	16/6/2020	7.8	No	2
3	Directed to natural water course ultimately discharging to Cosgroves Creek	BS08	16/6/2020	7.4	No	1.5
3	Directed to natural water course ultimately discharging to Cosgroves Creek	BS10	16/6/2020	7.7	No	43.9
3	Directed to natural water course ultimately discharging to Cosgroves Creek	BS11	16/6/2020	7.8	No	6.7
3	Directed to natural water course ultimately discharging to Cosgroves Creek	S250	16/6/2020	8	No	4.2
3	Directed to natural water course ultimately discharging to Cosgroves Creek	BS19	17/6/2020	7.7	No	3.5
7	Directed to natural water course ultimately discharging to Mulgoa Creek	N1740	18/6/2020	8.0	No	30

1	Directed to natural watercourse (unnamed tributary of Surveyors Creek)	Dam 5	23/6/2020	7.8	No	15
3	Directed to natural water course ultimately discharging to Cosgroves Creek	S250	24/6/2020	7.2	No	25
1	Directed to natural watercourse (unnamed tributary of Surveyors Creek)	P12 Culvert	24/6/2020	7.1	No	15
1	Directed to natural watercourse (unnamed tributary of Surveyors Creek)	Ch5700	29/6/2020	8.1	No	20
1	Directed to natural watercourse (unnamed tributary of Surveyors Creek)	Little Field Dam	2/7/2020	7.9	No	0
3	Directed to natural water course ultimately discharging to Cosgroves Creek	BS22	2/7/2020	7.8	No	45
1	Directed to natural watercourse (unnamed tributary of Surveyors Creek)	S2130	3/7/2020	7.3	No	0
3	Directed to natural water course ultimately discharging to Cosgroves Creek	BS22	6/7/2020	7	No	0
3	Directed to natural water course ultimately discharging to Cosgroves Creek	G120	8/7/2020	7.4	No	5
1	Directed to natural watercourse (unnamed tributary of Surveyors Creek)	P12 Culvert	9/7/2020	7.9	No	12
3	Directed to natural water course ultimately discharging to Cosgroves Creek	S2900	10/7/2020	7.4	No	0
3	Directed to natural watercourse (unnamed tributary of Surveyors Creek)	S3600	10/7/2020	7.5	No	0
3	Directed to natural water course ultimately discharging to Cosgroves Creek	BS19	10/7/2020	7.3	No	20
3	Directed to natural water course ultimately discharging to Cosgroves Creek	BS01	13/7/2020	7.9	No	30
3	Directed to natural water course ultimately discharging to Cosgroves Creek	BS02	13/7/2020	8	No	32
3	Directed to natural water course ultimately discharging to Cosgroves Creek	BS03	13/7/2020	8.4	No	40
3	Directed to natural water course ultimately discharging to Cosgroves Creek	BS14	13/7/2020	7.8	No	10
3	Directed to natural water course ultimately discharging to Cosgroves Creek	BS19	13/7/2020	8.1	No	42
3	Directed to natural water course ultimately discharging to Cosgroves Creek	S2900	13/7/2020	7.8	No	5
3	Directed to natural water course ultimately discharging to Cosgroves Creek	S3600	13/7/2020	7.9	No	12
1	Directed to natural watercourse (unnamed tributary of Surveyors Creek)	P12 Culvert	15/7/2020	7.2	No	20
3	Directed to natural water course ultimately discharging to Cosgroves Creek	S3600	16/7/2020	7.3	No	0
3	Directed to natural water course ultimately discharging to Cosgroves Creek	S2130	16/7/2020	8	No	12

3	Directed to natural water course ultimately discharging to Cosgroves Creek	S2900	16/7/2020	7.2	No	5
1	Directed to natural water course ultimately discharging to Mulgoa Creek	N1790	16/7/2020	7.9	No	30

Pollutant	TSS	Turbidity	pH	Oil and Grease (Visibility)
Concentration Limit	32 mg/L	87 FNU	6.5 – 8.5	Not visible