

Appendix 5

WET WEATHER AND SURFACE WATER MONITORING DATA

Kurrajong Creek and Pine Creek Wet Weather Events

Sample No.	Date	Sample Location	Time	pH	Electrical Conductivity (µS/cm)	Total Suspended Solids (mg/L)	Grease & Oil (mg/L)	Total Organic Carbon (TOC)	Comments
	31 July 2007	KCUS		7.9	255	22		<10	
	31 July 2007	KCDS		8	205	163		15	
	31 July 2007	KC2US		6.7	75	84		18	
	31 July 2007	KC2DS		6.7	85	21		12	
	31 July 2007	KC1US		8.2	1300	15		<10	
	31 July 2007	KC1DS		6.9	430	39		<10	
31489.01	23 September 2008	KC2US	0950	6.5	65	35	<2	-	
31489.02	23 September 2008	KC1US	1015	8.0	65	320	<2	-	
31489.03	23 September 2008	KCUS	1030	7.7	315	168	<2	-	
31489.04	23 September 2008	KCDS	1040	7.2	230	150	<2	-	
31489.05	23 September 2008	PC	1100	7.2	90	294	<2	-	
31489.06	23 September 2008	PC1	1113	7.0	90	62	<2	-	
31489.07	23 September 2008	KC1DS	1130	7.1	220	1280	<2	-	
31489.08	23 September 2008	KC2DS	1135	7.2	165	444	<2	-	
32276.01	15 December 2008	KCDS	1605	7.1	355	21	<2	-	
32276.02	15 December 2008	KC2DS	1614	6.9	95	8	<2	-	
32276.03	15 December 2008	KCUS	1623	7.5	55	6	<2	-	
32276.04	15 December 2008	PC	1645	7.2	125	12	<2	-	
32276.05	15 December 2008	PC1	1700	6.9	255	23	<2	-	
32276.06	15 December 2008	KC1DS	1713	8.2	315	42	<2	-	
32276.07	15 December 2008	KC2DS	1725	7.4	185	289	<2	-	
32373.01	29 December 2008	KC1US	1535	6.9	95	48	<2	-	
32373.02	29 December 2008	KC2US	1519	6.8	90	17	<2	-	
32373.03	29 December 2008	KCDS	1512	7.1	450	26	<2	-	
32815.01	17 February 2009	KCUS	1611	7.2	280	123	<2	-	
32815.02	17 February 2009	KC2US	1620	6.7	70	14	<2	-	
32815.03	17 February 2009	KCDS	1626	6.9	180	132	<2	-	
32815.04	17 February 2009	PC	1650	7.1	60	57	<2	-	
32815.05	17 February 2009	PC1	1708	7.1	180	38	<2	-	
32815.06	17 February 2009	KC1DS	1720	7.1	145	142	<2	-	
32815.07	17 February 2009	KC2DS	1750	7.1	105	1130	<2	-	
ES0919730-001	29 December 2009	KC2DS	1055	7.15	95	48	-	13	Oil & Grease not reported for any location due to incorrect sample bottle and insufficient sample. No site discharge - only adjacent creek samples
ES0919730-002	29 December 2009	KCDS	1100	6.94	187	33	-	11	
ES0919730-003	29 December 2009	KC2US	1105	6.67	86	4	-	16	
ES0919730-004	29 December 2009	KC1US	1115	6.7	74	47	-	6	
ES0919730-005	29 December 2009	KCUS	1125	7.05	305	52	-	9	
ES0919730-007	29 December 2009	PC	1225	7.23	83	117	-	8	
ES0919730-008	29 December 2009	KC1DS	1215	7.12	171	79	-	10	
ES1000146-001	5 January 2010	KCUS	0930	7.24	804	2	<5	10	
ES1000146-002	5 January 2010	KC1US	1000	7.42	126	8	<5	12	
ES1000146-003	5 January 2010	KCDS	1030	7.41	456	2	<5	14	
ES1000146-004	5 January 2010	SD5	1130	7.23	155	18	<5	8	Discharge
ES1000146-005	5 January 2010	PC1	1155	7.3	174	7	<5	12	
ES1000146-006	5 January 2010	PC	1215	7.38	121	8	<5	15	
ES1000146-007	5 January 2010	KC1DS	1235	7.28	419	6	<5	10	
ES1000146-008	5 January 2010	KC2DS	1250	7.47	178	22	<5	12	
ES1013938-001	14 July 2010	PC1	0910	8.5	37	126	<5	13	
ES1013938-002	14 July 2010	PC	0940	8.65	226	10	<5	9	
ES1013938-003	14 July 2010	KC1 DS	1000	8.01	552	27	-	13	
ES1013938-004	14 July 2010	KC2 DS	1010	7.92	211	142	<5	16	
ES1015034-001	28 July 2010	KCUS	1447	8.18	72	130	<5	12	
ES1015034-002	28 July 2010	PC	1531	7.95	170	151	<5	11	
ES1015034-003	28 July 2010	PC1	1545	7.978	37	132	<5	9	
ES1015034-004	28 July 2010	KC1DS	1402	7.77	36	90	<5	9	
ES1016053-001	10 August 2010	KCUS	0830	7.45	33	296	<5	5	
ES1016053-002	10 August 2010	KC1US	8050	7.65	169	2760	<5	10	
ES1016053-003	10 August 2010	KC2US	0910	7.7	37	62	<5	12	
ES1016053-004	10 August 2010	PC1	1000	7.54	43	1320	<5	6	
ES1016053-005	10 August 2010	PC	1030	6.83	62	167	<5	7	
ES1016053-006	10 August 2010	KC1DS	1050	6.8	64	380	<5	9	
ES1016053-007	10 August 2010	KC2DS	1110	6.76	114	40	<5	17	
ES1016053-008	10 August 2010	KCDS	0930	7.08	30	326	<5	4	
ES1016966-101	23 August 2010	KCUS	1000	8.04	100	236	<5	9	
ES1016966-102	23 August 2010	KC1US	1040	7.84	210	1600	<5	5	
ES1016966-103	23 August 2010	KC2US	1100	8.05	58	48	<5	15	
ES1016966-104	23 August 2010	KCDS	1130	7.97	50	122	<5	5	
ES1016966-105	23 August 2010	SD5	1150	7.9	60	22	<5	11	No discharge. Sampled to determine sediment level.
ES1016966-106	23 August 2010	PC1	1210	7.94	49	476	<5	7	
ES1016966-107	23 August 2010	KC1DS	1310	7.37	193	146	<5	8	
ES1016966-108	23 August 2010	KC2DS	1330	7.63	94	35	<5	15	
ES1016966-109	23 August 2010	PC	1230	7.71	70	142	<5	10	
ES1018432-001	10 September 2010	KCUS	0830	7.44	909	246	<5	8	
ES1018432-002	10 September 2010	KC1US	0845	7.2	154	193	<5	10	
ES1018432-003	10 September 2010	KC2US	0900	6.84	147	81	<5	11	
ES1018432-004	10 September 2010	KCDS	0915	7.26	492	116	<5	10	
ES1018432-005	10 September 2010	PC1	0935	7.18	65	176	<5	10	
ES1018432-006	10 September 2010	PC	1000	7.21	159	26	<5	17	
ES1018432-007	10 September 2010	KC1DS	1015	7.66	955	131	<5	12	
ES1018432-008	10 September 2010	KC2DS	1030	7.25	133	84	<5	16	
ES1023281-001	16 November 2010	KCUS	0830	7.83	866	162	10	12	
ES1023281-002	16 November 2010	PC1	0900	7.27	98	260	9	9	
ES1023281-003	16 November 2010	PC	0915	6.94	179	127	39	20	Elevated Oil and Grease
ES1024687-001	30 November 2010	KC2US	1415	6.99	86	40	<5	14	
ES1024687-002	30 November 2010	KCUS	1430	7.12	93	20	<5	15	
ES1024687-003	30 November 2010	KC1US	1510	6.97	64	124	<5	10	
ES1024687-004	30 November 2010	PC	1535	6.9	46	40	<10	14	
ES1024687-005	30 November 2010	PC1	1600	7.42	101	136	<10	10	
ES1024687-006	30 November 2010	KCDS	1730	7.11	191	191	<5	14	
ES1024687-007	30 November 2010	KC1DS	1745	7.23	150	150	<5	15	
ES1024687-008	30 November 2010	KC2DS	1800	7.2	101	101	<5	12	

Narrabri - Surface Water Monitoring

Sample No.	Date	Sample Location	Time	pH	Electrical Conductivity (µS/cm)	Total Suspended Solids (mg/L)	Grease & Oil (mg/L)	Total Organic Carbon (TOC)	Comments
ES0908566-001	11 June 2009	SD1	0825	8.38	378	74	<5	8	
ES0908566-002	11 June 2009	SD2	0840	8.15	254	89	<5	5	
ES0908566-003	11 June 2009	SD3	0845	7.85	308	328	<5	11	
ES0908566-004	11 June 2009	SD4	0845	8.27	421	262	<5	7	
ES0908566-005	11 June 2009	SD5	0900	8.07	228	26	<5	16	
ES0908566-006	11 June 2009	SB1	0915	8.23	1390	11	<5	3	
ES0912774-001	26 August 2009	SD1	1115	9.54	363	8	<5	8	
ES0912774-002	26 August 2009	SD2	1125	8.33	274	28	<5	4	
ES0912774-003	26 August 2009	SD3	1142	7.97	326	141	<5	12	
ES0912774-004	26 August 2009	SD4	1150	8.37	498	66	<5	6	
ES0912774-005	26 August 2009	SD5	1205	8.25	256	24	<5	5	
ES0912774-006	26 August 2009	SB1	1225	8.37	2020	21	<5	<1	
ES0918374-001	1 December 2009	SD1	1220	8.66	722	68	<10	14	
ES0918374-002	1 December 2009	SD2	1225	8.41	374	1870	<10	5	
ES0918374-003	1 December 2009	SD3	1210	8.37	550	216	<10	7	
ES0918374-004	1 December 2009	SD4	1215	9.3	1150	204	<10	10	
ES0918374-005	1 December 2009	SD5	1230	8.68	417	52	<10	5	
ES0918374-006	1 December 2009	SB1	1200	8.82	5250	26	<10	<1	
ES1004140-001	3 March 2010	SD1	1330	8.29	326	44	<5	5	
ES1004140-002	3 March 2010	SD2	1300	8.74	271	126	<5	6	
ES1004140-003	3 March 2010	SD3	1400	8.14	286	326	<5	15	
ES1004140-004	3 March 2010	SD5	1315	8.2	218	44	<5	6	
ES1004140-005	3 March 2010	SB1	1400	8.2	947	480	<5	<2	
ES1009341-001	14 May 2010	SD1	0945	8.78	381	16	<5	6	
ES1009341-002	12 May 2010	SD4	1325	8.85	543	80	7	6	
ES1009341-003	12 May 2010	SD3	1310	8.14	472	92	<5	10	
ES1009341-004	12 May 2010	SD5	1340	8.62	261	36	8	8	
ES1009341-005	12 May 2010	SB1	1410	9	607	100	<5	7	
ES1016572-001	17 August 2010	SD2	1140	7.62	129	72	<5	8	
ES1016572-002	17 August 2010	SD3	1115	7.84	247	299	<5	6	
ES1016572-003	17 August 2010	SD4	1130	7.89	306	120	<5	6	
ES1016572-004	17 August 2010	A1	1040	9.09	1390	36	<5	8	
ES1016572-005	17 August 2010	A2	1100	8.73	541	82	<5	7	
ES1016572-006	17 August 2010	SB1	1020	8.52	432	82	<5	3	
ES1025816-001	13 December 2010	SD2	1330	7.5	157	107	<5	10	
ES1025816-002	13 December 2010	SD5	1400	7.46	139	46	<5	10	
ES1025816-003	13 December 2010	SD4	1425	7.88	290	146	<5	6	
ES1025816-004	13 December 2010	A1	1445	9.25	1280	25	<5	9	
ES1025816-005	13 December 2010	A2	1455	9.13	840	10	<5	7	
ES1025816-006	13 December 2010	SB1	1510	9.02	583	75	<5	5	
ES1102986-001	10 February 2011	A1	1115	9.16	1260	14	<5	12	
ES1102986-002	10 February 2011	A2	1130	9.17	874	<5	<5	10	
ES1102986-003	10 February 2011	A3	1145	9.19	11300	16	<5	35	
ES1102986-004	10 February 2011	SB1	1345	9.73	2150	52	<5	56	
ES1102986-005	10 February 2011	SD5	1410	8.6	199	54	<5	16	