

**Environmental Protection Licence 21596**  
**THE M12 MOTORWAY PROJECT - CENTRAL PACKAGE**

Seymour Whyte Constructions Pty Ltd  
The M12 Motorway Project - Cental Package  
Elizabeth Drive  
Penrith NSW 2740

EPA's Public Register: <https://www.epa.nsw.gov.au/licensing-and-regulation/public-registers/about-prpoe>

Permit no.	Date	Nephelometric Turbidity Units (NTU)	pH	Oil / Grease	Est. Volume (L)	Location	Monitoring Frequency - Special Frequency 1	Offsite/ Reuse/on site
							a) less than 24 prior to controlled discharge and daily for any continued discharge, when it is safe to do so; and b) when rainfall causes a discharge from a sediment basin which has not been emptied within the design management period following cessation of a rainfall event, when it is safe to do so.	
25	28/10/22	16.5	8.35	None visible	3000000	Construction Sediment Basin 2	Special Frequency 1	Offsite
28	02/11/22	33.2	8.06	None visible	100000	Construction Sediment Basin 5	Special Frequency 1	Offsite
44	17/11/22	25.3	8.06	None visible	400000	Construction Sediment Basin 12	Special Frequency 1	Offsite
45	17/11/22	28.5	7.27	None visible	2900	Construction Sediment Basin 2	Special Frequency 1	Offsite
46	17/11/22	12.6	7.42	None visible	200000	Construction Sediment Basin 14	Special Frequency 1	Offsite
54	29/11/22	5.5	7.49	None visible	1500	Construction Sediment Basin 10	Special Frequency 1	Offsite
62	09/12/22	21.4	7.86	None visible	20000	Construction Sediment Basin 5	Special Frequency 1	Offsite
98	06/02/23	26.1	8.24	None visible	500000	Clifton Basin	Special Frequency 1	Offsite
101	07/02/23	19.1	7.93	None visible	310	Construction Sediment Basin 3	Special Frequency 1	Offsite
102	07/02/23	44.5	7.90	None visible	700000	Construction Sediment Basin 6	Special Frequency 1	Offsite
103	07/02/23	23.2	8.50	None visible	810000	Construction Sediment Basin 7	Special Frequency 1	Offsite
105	08/02/23	27.2	7.44	None visible	775000	Construction Sediment Basin 5	Special Frequency 1	Offsite
109	10/02/23	26.5	8.50	None visible	810000	Construction Sediment Basin 7	Special Frequency 1	Offsite
131	01/03/23	34.4	8.40	None visible	50000	Construction Sediment Basin 5	Special Frequency 1	Offsite
132	01/03/23	24.5	8.01	None visible	100000	Construction Sediment Basin 6	Special Frequency 1	Offsite
133	03/03/23	14	8.46	None visible	300000	Clifton Basin	Special Frequency 1	Offsite
168	01/04/23	48.5	8.38	None visible	800000	Construction Sediment Basin 8	Special Frequency 1	Offsite
169	01/04/23	3.6	8.05	None visible	30000	Construction Sediment Basin 11	Special Frequency 1	Offsite
170	01/04/23	46.8	8.47	None Visible	40000	Construction Sediment Basin 12	Special Frequency 1	Offsite
171	01/04/23	18.8	8.35	None Visible	300000	Clifton Basin	Special Frequency 1	Offsite
175	01/04/23	0	8.20	None Visible	100000	Construction Sediment Basin 3	Special Frequency 1	Offsite
176	01/04/23	2.9	8.11	None Visible	100000	Construction Sediment Basin 4	Special Frequency 1	Offsite
177	01/04/23	5.9	8.04	None Visible	200000	Construction Sediment Basin 5	Special Frequency 1	Offsite
179	05/04/23	3.9	7.96	None Visible	80000	Construction Sediment Basin 10	Special Frequency 1	Offsite
191	17/04/23	15.1	8.39	None Visible	300000	Construction Sediment Basin 8	Special Frequency 1	Offsite
195	04/05/23	28.5	8.09	None Visible	150000	Clifton Basin	Special Frequency 1	Offsite
195	05/05/23	39.1	8.09	None Visible	150000	Clifton Basin	Special Frequency 1	Offsite
199	01/05/23	40.1	7.63	None Visible	500000	Construction Sediment Basin 5	Special Frequency 1	Offsite
199	02/05/23	48	7.73	None Visible	500000	Construction Sediment Basin 5	Special Frequency 1	Offsite
199	03/05/23	35.3	7.74	None Visible	500000	Construction Sediment Basin 5	Special Frequency 1	Offsite
203	28/04/23	12.3	8.50	None Visible	300000	Construction Sediment Basin 8	Special Frequency 1	Offsite
209	01/05/23	32.4	7.69	None Visible	242000	Construction Sediment Basin 1	Special Frequency 1	Offsite
209	02/05/23	28	7.62	None Visible	242000	Construction Sediment Basin 1	Special Frequency 1	Offsite
209	04/05/23	47.3	7.84	None Visible	242000	Construction Sediment Basin 1	Special Frequency 1	Offsite
209	05/05/23	22.7	7.79	None Visible	242000	Construction Sediment Basin 1	Special Frequency 1	Offsite

209	08/05/23	35.9	7.84	None Visible	242000	Construction Sediment Basin 1	Special Frequency 1	Offsite
212	02/05/23	18.8	7.42	None Visible	1200000	Construction Sediment Basin 2	Special Frequency 1	Offsite
212	03/05/23	22.4	7.56	None Visible	1200000	Construction Sediment Basin 2	Special Frequency 1	Offsite
216	03/05/23	40.8	7.52	None Visible	80000	Construction Sediment Basin 10	Special Frequency 1	Offsite
216	04/05/23	34.6	7.30	None Visible	80000	Construction Sediment Basin 10	Special Frequency 1	Offsite
216	05/05/23	47.3	7.88	None Visible	80000	Construction Sediment Basin 10	Special Frequency 1	Offsite
217	03/05/23	30.7	7.77	None Visible	130000	Construction Sediment Basin 11	Special Frequency 1	Offsite
217	04/05/23	30.2	7.61	None Visible	130000	Construction Sediment Basin 11	Special Frequency 1	Offsite
217	05/05/23	45.8	7.96	None Visible	70000	Construction Sediment Basin 11	Special Frequency 1	Offsite
218	03/05/23	8	8.06	None Visible	150000	Construction Sediment Basin 12	Special Frequency 1	Offsite
218	04/05/23	11.4	7.83	None Visible	150000	Construction Sediment Basin 12	Special Frequency 1	Offsite
220	03/05/23	44.3	7.59	None Visible	250000	Construction Sediment Basin 3	Special Frequency 1	Offsite
220	04/05/23	39.7	7.55	None Visible	250000	Construction Sediment Basin 3	Special Frequency 1	Offsite
221	05/05/23	7.8	7.23	None Visible	160000	Construction Sediment Basin 8	Special Frequency 1	Offsite
221	08/05/23	10.1	8.27	None Visible	160000	Construction Sediment Basin 8	Special Frequency 1	Offsite
221	09/05/23	16.1	8.39	None Visible	160000	Construction Sediment Basin 8	Special Frequency 1	Offsite
222	05/05/23	21.7	7.95	None Visible	600000	Construction Sediment Basin 6	Special Frequency 1	Offsite
223	05/05/23	21.5	7.91	None Visible	200000	Construction Sediment Basin 4	Special Frequency 1	Offsite
231	15/05/23	33.6	7.29	None Visible	800000	Construction Sediment Basin 2	Special Frequency 1	Offsite
231	19/05/23	32.7	6.98	None Visible	800000	Construction Sediment Basin 2	Special Frequency 1	Offsite
231	22/05/23	33.3	7.29	None Visible	800000	Construction Sediment Basin 2	Special Frequency 1	Offsite
234	15/05/23	43.3	7.30	None visible	580000	Construction Sediment Basin 3	Special Frequency 1	Offsite
236	16/05/23	46.2	8.16	None visible	230000	Construction Sediment Basin 4	Special Frequency 1	Offsite
236	18/05/23	46.1	7.68	None visible	230000	Construction Sediment Basin 4	Special Frequency 1	Offsite
236	19/05/23	25.8	7.63	None visible	10000	Construction Sediment Basin 4	Special Frequency 1	Offsite
237	16/05/23	32.2	7.09	None visible	775000	Construction Sediment Basin 5	Special Frequency 1	Offsite
238	17/05/23	27.2	8.33	None visible	100000	Construction Sediment Basin 8	Special Frequency 1	Offsite
238	19/05/23	48.4	8.37	None visible	100000	Construction Sediment Basin 8	Special Frequency 1	Offsite
240	17/05/23	34.1	6.91	None visible	250000	Construction Sediment Basin 10	Special Frequency 1	Offsite
240	18/05/23	47.5	7.67	None visible	250000	Construction Sediment Basin 10	Special Frequency 1	Offsite
241	17/05/23	38.6	6.81	None visible	115000	Construction Sediment Basin 11	Special Frequency 1	Offsite
241	18/05/23	45.8	7.65	None visible	115000	Construction Sediment Basin 11	Special Frequency 1	Offsite
242	16/05/23	11.9	8.19	None visible	550000	Construction Sediment Basin 12	Special Frequency 1	Offsite
244	17/05/23	35.8	8.50	None visible	300000	Clifton Basin	Special Frequency 1	Offsite
244	23/05/23	20.6	7.94	None visible	283000	Clifton Basin	Special Frequency 1	Offsite
244	24/05/23	19.4	8.11	None visible	200000	Clifton Basin	Special Frequency 1	Offsite
245	19/05/23	32.7	6.98	None visible	2500000	Construction Sediment Basin 6	Special Frequency 1	Offsite
247	22/05/23	36.7	7.86	None visible	400000	Construction Sediment Basin 7	Special Frequency 1	Offsite
253	23/05/23	39.7	8.49	None visible	599000	Construction Sediment Basin 2	Special Frequency 1	Offsite
256	01/06/23	30.8	7.62	None visible	500000	Construction Sediment Basin 2	Special Frequency 1	Offsite
263	29/06/23	48.7	6.82	None visible	100000	Construction Sediment Basin 13	Special Frequency 1	Offsite
263	30/06/23	33.6	8.05	None visible	300000	Construction Sediment Basin 13	Special Frequency 1	Offsite
264	26/06/23	36.7	7.74	None visible	200000	Construction Sediment Basin 1	Special Frequency 1	Offsite
269	10/07/23	25	7.04	None visible	200000	Construction Sediment Basin 13	Special Frequency 1	Offsite
269	11/07/23	13.1	7.28	None visible	150000	Construction Sediment Basin 13	Special Frequency 1	Offsite
269	13/07/23	14.1	7.39	None visible	50000	Construction Sediment Basin 13	Special Frequency 1	Offsite
271	12/07/23	36.6	7.78	None visible	200000	Construction Sediment Basin 1	Special Frequency 1	Offsite
274	18/07/23	15.6	8.16	None visible	50000	Construction Sediment Basin 11	Special Frequency 1	Offsite
275	18/07/23	15.9	7.65	None visible	100000	Construction Sediment Basin 12	Special Frequency 1	Offsite
277	27/07/23	46.2	8.38	None visible	1000000	Construction Sediment Basin 2	Special Frequency 1	Offsite
280	04/08/23	28.3	8.2	None Visible	500000	Construction Sediment Basin 2	Special Frequency 1	Offsite

282	09/08/23	10.7	7.45	None Visible	1000000	Construction Sediment Basin 2	Special Frequency 1	Offsite
283	10/08/23	22.9	7.76	None Visible	100000	Construction Sediment Basin 10	Special Frequency 1	Offsite
287	16/08/23	26.7	8.43	None Visible	1000000	Basin 2	Special Frequency 1	Offsite
288	18/08/23	26.2	7.62	None Visible	800000	Basin 2	Special Frequency 1	Offsite
289	21/08/23	38	8.44	None Visible	10000	Basin 3	Special Frequency 1	Offsite
291	22/08/23	46.7	7.83	None Visible	40000	Clifton Basin	Special Frequency 1	Offsite
294	28/08/23	17.9	8.33	None Visible	250000	Basin 12	Special Frequency 1	Offsite
296	04/09/23	39.3	7.81	None Visible	2488000	Basin 2	Special Frequency 1	Offsite
297	04/09/23	31.1	6.54	None Visible	214500	Clifton Basin	Special Frequency 1	Offsite
297A	12/09/23	43.1	6.52	None Visible	420000	Clifton Basin	Special Frequency 1	Offsite
298	04/09/23	33.8	7.3	None Visible	250000	Basin 12	Special Frequency 1	Offsite
299	04/09/23	11.3	7.15	None Visible	230000	Basin 11	Special Frequency 1	Offsite
300	11/09/23	35.6	7.8	None Visible	233000	Basin 3	Special Frequency 1	Offsite
306	06/11/23	22.1	6.7	None Visible	2488000	Basin 2	Special Frequency 1	Offsite
307	08/11/23	7.7	7.96	None Visible	200000	Basin 3	Special Frequency 1	Offsite
308	08/11/23	38.2	7.84	None Visible	250000	Clifton Basin	Special Frequency 1	Offsite
311	15/11/23	49.6	8.21	None Visible	550000	Basin 8	Special Frequency 1	Offsite
313	13/11/23	10	7.92	None Visible	115000	Basin 11	Special Frequency 1	Offsite
314	15/11/23	44.5	7.46	None Visible	400000	Basin 13	Special Frequency 1	Offsite
315	15/11/23	48	8.39	None Visible	100000	Basin 6	Special Frequency 1	Offsite
316	15/11/23	35.5	8.41	None Visible	10000	Basin 13	Special Frequency 1	Offsite
317	15/11/23	49.8	7.90	None Visible	200000	Basin 7	Special Frequency 1	Offsite
318	15/11/23	28.6	7.27	None Visible	200000	Basin 14	Special Frequency 1	Offsite
320	04/12/23	42.3	6.94	None Visible	25000	Basin 10	Special Frequency 1	Offsite
321	04/12/23	36.7	7.01	None Visible	10000	Basin 8	Special Frequency 1	Offsite
322	04/12/23	35.1	7.77	None Visible	10000	Basin 3	Special Frequency 1	Offsite
323	04/12/23	41.6	7.79	None Visible	2488000	Basin 2	Special Frequency 1	Offsite
324	12/12/23	46.2	8.48	None Visible	400000	Basin 13	Special Frequency 1	Offsite
325	15/12/23	47.8	8.3	None Visible	250000	Basin 7	Special Frequency 1	Offsite
327	15/12/23	17.3	8.49	None Visible	100000	Basin 12	Special Frequency 1	Offsite
328	15/12/23	38.8	8.44	None Visible	250000	Basin 10	Special Frequency 1	Offsite
329	18/12/23	21.3	7.41	None Visible	450000	Basin 14	Special Frequency 1	Offsite
330	18/12/23	7.7	7.83	None Visible	429000	Clifton Basin	Special Frequency 1	Offsite
331	09/01/24	34.3	7.83	None Visible	2500000	Sediment Basin 2	Special Frequency 1	Offsite
332	09/01/24	33.5	8.00	None Visible	1000000	Sediment Basin 7	Special Frequency 1	Offsite
333	11/01/24	31.8	7.22	None Visible	584000	Sediment Basin 3	Special Frequency 1	Offsite
334	11/01/24	48.3	8.37	None Visible	974000	Sediment Basin 8	Special Frequency 1	Offsite
335	11/01/24	34.4	8.38	None Visible	900000	Sediment Basin 13	Special Frequency 1	Offsite
336	11/01/24	18.8	8.27	None Visible	429000	Clifton Basin	Special Frequency 1	Offsite
337	19/01/24	36.9	8.01	None Visible	429000	Clifton Basin	Special Frequency 1	Offsite
338	19/01/24	33.4	8.39	None Visible	584000	Sediment Basin 3	Special Frequency 1	Offsite
339	19/01/24	33	8.32	None Visible	775000	Sediment Basin 5	Special Frequency 1	Offsite
341	22/01/24	48	8.45	None Visible	850000	Sediment Basin 8	Special Frequency 1	Offsite
342	22/01/24	38	8.34	None Visible	220000	Sediment Basin 10	Special Frequency 1	Offsite
343	22/01/24	47.9	8.30	None Visible	115000	Sediment Basin 11	Special Frequency 1	Offsite
344	22/01/24	40.3	8.28	None Visible	278500	Sediment Basin 12	Special Frequency 1	Offsite
345	24/01/24	36.8	8.04	None Visible	310000	Sediment Basin 13	Special Frequency 1	Offsite
346	24/01/24	50	8.38	None Visible	250000	Sediment Basin 14	Special Frequency 1	Offsite
347	29/01/24	13.9	7.90	None Visible	800000	Sediment Basin 1	Special Frequency 1	Offsite
350	08/02/24	49.7	7.91	None Visible	400000	Sediment Basin 13	Special Frequency 1	Offsite
351	08/02/24	31.8	8.19	None Visible	1000000	Sediment Basin 7	Special Frequency 1	Offsite

352	08/02/24	44.4	8.42	None Visible	974000	Sediment Basin 8	Special Frequency 1	Offsite
353	12/02/24	32.8	8.17	None Visible	220000	Sediment Basin 10	Special Frequency 1	Offsite
354	12/02/24	45.1	8.15	None Visible	278500	Sediment Basin 12	Special Frequency 1	Offsite
355	22/02/24	16.4	8.29	None Visible	500000	Sediment basin 3	Special Frequency 1	Offsite
356	26/02/24	26.4	8.24	None Visible	450000	Sediment Basin 8	Special Frequency 1	Offsite
357	26/02/24	30.3	7.95	None Visible	400000	Sediment Basin 6	Special Frequency 1	Offsite
358	08/03/24	33.7	7.66	None Visible	250000	Clifton Basin	Special Frequency 1	Offsite
359	20/03/24	11.6	8.44	None Visible	450000	Sediment Basin 8	Special Frequency 1	Offsite
360	27/03/24	26.3	8.14	None Visible	300000	Clifton Basin	Special Frequency 1	Offsite
362	10/04/24	44.9	7.56	None Visible	500000	Sediment Basin 5	Special Frequency 1	Offsite
364	15/04/24	27.8	8.09	None Visible	42000	Clifton Basin	Special Frequency 1	Offsite
365	15/04/24	39.5	8.23	None Visible	233000	Sediment Basin 3	Special Frequency 1	Offsite
366	15/04/24	45.9	8.26	None Visible	1080000	Sediment Basin 7	Special Frequency 1	Offsite
368	15/04/24	38.5	8.46	None Visible	115000	Sediment Basin 11	Special Frequency 1	Offsite
369	15/04/24	25.8	8.42	None Visible	350000	Sediment Basin 12	Special Frequency 1	Offsite
370	15/04/24	21.1	8.44	None Visible	560000	Sediment Basin 14	Special Frequency 1	Offsite
371	18/04/24	12.2	8.24	None Visible	400000	Sediment Basin 6	Special Frequency 1	Offsite
372	18/04/24	29.3	7.85	None Visible	900000	Sediment Basin 13	Special Frequency 1	Offsite

M12 Central Noise Monitoring Register



Log Number	Date	OOHW Permit no.	Description of works	Location of works	Monitor	Monitor location	Time	NCA	NML	Modelled Value @ receiver	LAeq	LAmx	L90	Comments
230214 001	14/02/23	23-02-OOHW-016	Pavement repair	Elizabeth/Mamre Roundabout	Bruel & Kjaer 2250-L	1279 Elizabeth Dr	21:05	4	42	52.0	63.8	84	49.3	Heavy influence by traffic including trucks using compression break when entering round about (NPR)
230214 004	14/02/23	23-02-OOHW-016	Pavement repair	Elizabeth/Mamre Roundabout	Bruel & Kjaer 2250-L	1306 Mamre Rd	21:49	4	42	49.0	55.2	73.3	48.5	Heavy influence by traffic including trucks using compression break when entering round about (NPR)
230302 001	02/03/23	23-02-OOHW-08	Material import (Tunnel)	WSP	Bruel & Kjaer 2250-L	Gate 2	21:17	4	42	None triggered	60.7	79.5	47.9	Heavy influence from Elizabeth Drive traffic
230302 002	02/03/23	23-02-OOHW-08	Material import (Tunnel)	WSP	Bruel & Kjaer 2250-L	Gate 2	21:38	4	42	None triggered	59.1	74	45.6	Heavy influence from Elizabeth Drive traffic. When traffic was light 43.8, could not hear LV driving onsite
230411 001	11/04/23	23-04-OOHW-030	Sydney Water Utility Cutover	Elizabeth/ Mamre	Bruel & Kjaer 2250-L	1306 Mamre Rd	20:03	4	42	None triggered	56.7	68.3	49.5	Heavy influence from Elizabeth Drive traffic
230413 002	13/04/23	23-04-OOHW-030	Sydney Water Utility Cutover	Elizabeth/ Mamre	Bruel & Kjaer 2250-L	1306 Mamre Rd	20:39	4	42	None triggered	60	78.9	51.4	Heavy influence from Elizabeth Drive traffic
230420 001	20/04/23	23-03-OOHW-028	Clifton LR1 traffic switch	Local Road 1	Bruel & Kjaer 2250-L	1541A Elizabeth Dr	19:07	7	36	43	44.6	58.1	42.2	Elizabeth Dr traffic audible
230427 001	27/04/23	23-04-OOHW-012	Endeavour Energy UUL 1937	Telstra Hut	Bruel & Kjaer 2250-L	Irfan College	22:40	4	42	46	62.3	82.7	46.9	Heavy influence from Elizabeth Drive traffic, oversized loads
230529 001	29/05/23	23-04-OOHW-042A	Drainage works	Elizabeth/ Mamre	Bruel & Kjaer 2250-L	1306 Mamre Rd	20:45	4	42	60.0	57.9	70.6	53.1	Moderate influence from Elizabeth Drive traffic
230530 001	30/05/23	23-04-OOHW-042B	Drainage works	Elizabeth/ Mamre	Bruel & Kjaer 2250-L	1306 Mamre Rd	21:40	4	42	60.0	59.1	73.9	55.4	Moderate influence from Elizabeth Drive traffic
230609 001	08/06/23	23-05-OOHW-049C	Light standing	Elizabeth/ Mamre	Bruel & Kjaer 2250-L	1306 Mamre Rd	23:15	4	42	48.0	58.3	77.2	51.7	Heavy influence from Elizabeth/Mamre Rd traffic. Works could be heard at 50dB although traffic was still louder (-3dB). Due to this Laeq was estimated at 47 .
230615 001	15/06/23	23-04-OOHW-043B	Utility cutover	Adjacent Gate 4	Bruel & Kjaer 2250-L	2213 Elizabeth Dr	21:30	4	42	57.0	53.2	71.5	47.6	TfNSW attended, EPA audited the same night. Moderate influence from Elizabeth Dr traffic. Works could be heard between traffic.
230619 001	19/06/23	23-06-OOHW-054A	Material import sandstone	Through Gate 14	Bruel & Kjaer 2250-L	26 Salisbury Ave	20:13	6	44	None triggered	44.1	60.9	38.8	Constant influence from Elizabeth Drive, Mamre Road could also be clearly heard. Works occurred for 50% of 15mins (-3dB). Tailgate max 55dB.
230619 002	19/06/23	23-06-OOHW-054A	Material import sandstone	Through Gate 14	Bruel & Kjaer 2250-L	26 Salisbury Ave	20:50	6	44	None triggered	43.8	66.8	39.0	No works occurred
230619 004	19/06/23	23-06-OOHW-054A	Material import sandstone	Through Gate 14	Bruel & Kjaer 2250-L	26 Salisbury Ave	21:45	6	44	None triggered	43.5	72.9	37.4	Constant influence from Elizabeth Drive, Mamre Road could also be clearly heard. Works occurred for 50% of 15mins (-3dB). Tailgate max 68.7dB.
230719 003	19/07/23	23-07-OOHW-068	Elizabeth Dr pavement repair	Bowling club	Bruel & Kjaer 2250-L	1306 Mamre Rd	10:50	4	42	50.0	58.6	72.7	51.3	Roller operated for 50% of the 15min reading although could only be heard for <1min due to heavy influence from Elizabeth Dr and Mamre Rd traffic. During a break in the traffic (51-53dB) the roller could faintly be heard therefore ~5dB have been subtracted to give and LAeq of 47dB.
230726 002	26/07/23	23-07-OOHW-068	Elizabeth Dr pavement repair	Bowling club	Bruel & Kjaer 2250-L	1306 Mamre Rd	23:40	4	42	48.0	55.0	68.9	47.7	Loudest project generated noise was squarker reversing alarm 42-49, NPR traffic still louder, therefore ~5dB subtracted. Roller worked for 4mins, Excavator and tipper 10mins. Heavy influence from HV using Elizabeth Dr.
231009 001	09/10/23	23-09-OOHW-90	Batch Plant Warming	Local Road 1 (near BR07)	Bruel & Kjaer 2250-L	316 Clifton Avenue	6:20	7	36	35	57.0	69.0	49.9	Heavy influence from Mamre Rd and Clifton Rd traffic.

231012 002	12/10/23	23-09-OOHW-91	Clifton Drainage Works	Local Road (316 Clifton Avenue driveway)	Bruel & Kjaer 2250-L	316 Clifton Avenue	19:20	7	36	48	41.7	71.8	41.7	Elizabeth Dr traffic audible , Heavy influence from property owners car
231213 001	13/12/23	23-11-OOHW-104	Local Road Tie In works	Local Road - Clifton	Bruel & Kjaer 2250-L	258 Clifton Avenue	20:30	7	36	55.0	55.0	78.9	46.1	Local Road traffic passing. LAeq matches predicted.
231214 001	14/12/23	23-12-OOHW-099	Bridge 09 Deck Pour	Bridge 09	Bruel & Kjaer 2250-L	1306-1308 Mamre Rd	22:30	4	42	63.0	64.6	81.4	54.9	Heavy influence from Mamre Rd and Clifton Rd traffic. Works could be heard at 53dB during breaks in traffic. Due to this Laeq has been estimated at 54dB.
240119 001	19/01/24	24-01-OOHW-99B	Bridge 09 Deck Pour	Bridge 09	Bruel & Kjaer 2250-L	1306-1308 Mamre Rd	23:30	4	42	64.0	65.5	82.2	54.7	Heavy influence from Mamre Rd and Clifton Rd traffic. Works could be heard at 53dB during breaks in traffic. Due to this Laeq has been estimated at 54dB.
240208 001	08/02/24	24-02-OOHW-119	CRCP Sawcutting Areas 3&4	Range Road to Eastern Limit	Bruel & Kjaer 2250-L	CH26850	23:43	4	42	None triggered	39.3	62.8	37.8	Verification monitoring taken from within site approx 400m from works. No predicted impacts at this location (area 3 section 9). Traffic noise approx 45dB.
240209 001	09/02/24	24-02-OOHW-119	CRCP Sawcutting Areas 3&4	Range Road to Eastern Limit	Bruel & Kjaer 2250-L	1-7 Duff Road Cecil Park	23:35	4	42	43.0	59.8	81.5	48.9	Predominant noise from traffic on Elizabeth Drive. Crikets and frogs audible. Works faintly audible during breaks in traffic noise. Traffic noise approx 55-73dB
240212 001	12/02/24	24-02-OOHW-119	CRCP Sawcutting Areas 3&4	Range Road to Eastern Limit	Bruel & Kjaer 2250-L	1-7 Duff Road Cecil Park	23:30	4	42	43.0	59.3	78.5	51.3	Predominant noise from traffic on Elizabeth Drive. Works not audible during breaks in traffic.
240227 001	27/02/24	24-02-OOHW-119	CRCP Sawcutting Areas 3&4	Range Road to Eastern Limit	Bruel & Kjaer 2250-L	1-7 Duff Road Cecil Park	21:45	4	42	45.0	61.8	90.7	49.5	Constant flow of traffic on Elizabeth Drive. Loudest noise was from LV on Duff Road (74.9dB) Cloudy with lots of insects and frog noise.
240307 001	07/03/24	24-02-OOHW-124	CRCP Sawcutting Areas 5	Elizabeth Drive to Range Road	Bruel & Kjaer 2250-L	1306-1318 Mamre Road	22:22	4	42	45.0	47.4	80.5	49.2	Heavy influence from Eizabeth Drive and mamre Road traffic. Loudest noise was 80.5 from motorbike. Noise from work was barely audible.
240311 001	11/03/24	24-02-OOHW-124	CRCP Sawcutting Areas 5	Elizabeth Drive to Range Road	Bruel & Kjaer 2250-L	1306-1318 Mamre Road	22:44	4	42	45.0	44.3	79.6	48.5	Heavy traffic influence on Elizabeth Drive and Mamre Roundabout. Noise from work audible when there is breaks in traffic.
240327 001	27/03/24	24-03-OOHW-130	CRCP Sawcutting Areas 5	Elizabeth Drive to Clifton Avenue	Bruel & Kjaer 2250-L	395-409 Clifton Avenue, Kemps Creek	22:18	6	40	48.6	45.6	71.5	40.8	Heavy traffic influence on Elizabeth Drive. Noise from work was barely audible when there was breaks in traffic.
240402 001	02/04/24	24-03-OOHW-130	CRCP Sawcutting Areas 6 - Section 4	Elizabeth Drive to Clifton Avenue	Bruel & Kjaer 2250-L	316 Clifton Avenue	21:27	7	36	45.0	58.7	61.4	37.9	Noise from work was clearly audible at sensitive receiver. Reading influenced by dog barking at sensitive receiver.
240403 001	03/04/24	24-03-OOHW-130	CRCP Sawcutting Areas 6 - Section 5	Elizabeth Drive to Clifton Avenue	Bruel & Kjaer 2250-L	316 Clifton Avenue	22:01	7	36	46.0	44.9	70.2	44.2	Reading influenced by dog barking at sensitive receiver. Noise from work was barely audible at sensitive receiver.
240408 001	08/04/24	24-03-OOHW-130	CRCP Sawcutting Areas 7 - Section 7	Bridge 07 to Bridge 06	Bruel & Kjaer 2250-L	203-229 Clifton Avenue Kemps Creeks NSW 2718	22:32	7	36	44.0	46.9	71.0	40.3	Noise from work was barely audible at sensitive receiver. Loudest noise was 71 from Dog bark.
240416 001	16/04/24	24-03-OOHW-130	CRCP Sawcutting Areas 7 - Section 12	Bridge 06 to Bridge 07	Bruel & Kjaer 2250-L	203-229 Clifton Avenue Kemps Creeks NSW 2719	22:29	7	36	42.0	60.6	79.9	46.7	Noise from work was barely audible at sensitive receiver but was clearly audible at the monitoring location. Monitoring was undertaken 250m from sensitive receiver due to accessibility. Loudest noise was 79.9 from mobile ring.
240418 001	18/04/24	24-03-OOHW-130 Rev A	CRCP Sawcutting Areas 7 - Section 14	Bridge 07 to Salisbury	Bruel & Kjaer 2250-L	316 Clifton Avenue, Kemps Creek	22:07	7	36	45.0	45.9	55.7	40.5	Heavy influence from Mamre Rd traffic and property owner's house (dogs barking).
240419 001	19/04/24	24-03-OOHW-130 Rev A	CRCP Sawcutting Areas 7 - Section 15	Bridge 07 to Salisbury	Bruel & Kjaer 2250-L	316 Clifton Avenue, Kemps Creek	21:58	7	36	45.0	51.4	64.8	47.0	Heavy influence from Elizabeth Drive traffic. No other background disturbance was observed during the monitoring period. Noise from work audible when there is breaks in traffic.
240422 001	22/04/24	24-03-OOHW-130 Rev A	CRCP Sawcutting Area 6 - Section 3	Bridge 07 to Salisbury	Bruel & Kjaer 2250-L	395-409 Clifton Avenue, Kemps Creek	21:59	6	40	41.0	37.4	82.9	37.9	Constant flow of traffic on Mamre Rd and Elizabeth Drive. Loudest noise was from car at Clifton Rd. Noise from work was barely audible. Monitoring was done from Clifton Road in front of the Sensitive receiver.