

APPENDIX 14.5
ASSESSMENT RESULTS

Annual Average NO₂

NO₂ annual mean	ug/m³	Source
Objective (ug/m³)	40.00	AQS 2007

Receptor number	Receptor Name / Description	2007 Baseline	2011 Without proposed bypass	2011 With proposed bypass	Change
1	11 TYDRUM TERRACE	2.92	2.61	2.58	-0.03
2	CARNA COTTAGE	3.03	2.70	2.60	-0.10
3	1 WILLOWBRAE	2.93	2.63	2.56	-0.07
4	11 WILLOW SQUARE	2.70	2.45	2.48	+0.03
5	LAURELBANK	3.48	3.06	2.77	-0.29
6	HOTEL	2.93	2.62	2.51	-0.11
7	1 RAILWAY COTTAGES	2.96	2.65	2.62	-0.03
8	CRINALRICH PRIMARY SCHOOL	2.87	2.58	2.56	-0.02
9	GLENORARAN	3.21	2.84	2.83	-0.01
10	DUNVEGA	2.83	2.55	2.47	-0.08
11	REAR OF TYDRUM TERRACE	2.78	2.51	2.52	+0.01
12	ARDLEA	3.35	2.95	2.77	-0.18
13	BED & BREAKFAST	3.60	3.15	3.01	-0.14
14	6 RAILWAY COTTAGES	3.00	2.68	2.64	-0.04
15	BENMORE LODGE CABIN	2.93	2.63	2.63	No Change
16	STATION HOUSE	2.85	2.57	2.47	-0.10
17	BUNGALOW ON A82	3.15	2.81	2.53	-0.28

Annual Average PM₁₀

PM₁₀ annual mean	ug/m³	Source
Objective (ug/m³)	18.00	AQS 2007

Receptor number	Receptor Name / Description	2007 Baseline	2011 Without proposed bypass	2011 With proposed bypass	Change
1	11 TYDRUM TERRACE	8.55	8.30	8.30	No Change
2	CARNA COTTAGE	8.56	8.31	8.30	-0.01
3	1 WILLOWBRAE	8.55	8.31	8.30	-0.01
4	11 WILLOW SQUARE	8.54	8.29	8.30	+0.01
5	LAURELBANK	8.58	8.33	8.31	-0.02
6	HOTEL	8.55	8.31	8.30	-0.01
7	1 RAILWAY COTTAGES	8.55	8.31	8.31	No Change
8	CRINALRICH PRIMARY SCHOOL	8.55	8.30	8.30	No Change
9	GLENORARAN	8.57	8.32	8.32	No Change
10	DUNVEGA	8.55	8.30	8.30	No Change
11	REAR OF TYDRUM TERRACE	8.54	8.30	8.30	No Change
12	ARDLEA	8.58	8.32	8.31	-0.01
13	BED & BREAKFAST	8.60	8.34	8.33	-0.01
14	6 RAILWAY COTTAGES	8.56	8.31	8.31	No Change
15	BENMORE LODGE CABIN	8.55	8.30	8.30	No Change
16	STATION HOUSE	8.55	8.30	8.30	No Change
17	BUNGALOW ON A82	8.57	8.32	8.30	-0.02

Twenty Four Hour PM₁₀

PM₁₀ daily mean	ug/m³	Source
Objective (ug/m³)	50 not to be exceeded more than 7 times a year	AQS 2007

Receptor number	Receptor Name / Description	2007 Baseline	2011 Without proposed bypass	2011 With proposed bypass	Change
1	11 TYDRUM TERRACE	6	7	7	No Change
2	CARNA COTTAGE	6	7	7	No Change
3	1 WILLOWBRAE	6	7	7	No Change
4	11 WILLOW SQUARE	6	7	7	No Change
5	LAURELBANK	6	7	7	No Change
6	HOTEL	6	7	7	No Change
7	1 RAILWAY COTTAGES	6	7	7	No Change
8	CRINALRICH PRIMARY SCHOOL	6	7	7	No Change
9	GLENORARAN	6	7	7	No Change
10	DUNVEGA	6	7	7	No Change
11	REAR OF TYDRUM TERRACE	6	7	7	No Change
12	ARDLEA	6	7	7	No Change
13	BED & BREAKFAST	6	7	7	No Change
14	6 RAILWAY COTTAGES	6	7	7	No Change
15	BENMORE LODGE CABIN	6	7	7	No Change
16	STATION HOUSE	6	7	7	No Change
17	BUNGALOW ON A82	6	7	7	No Change