

Appendix A17.4: Noise Impacts on Committed Developments

1 Introduction

- 1.1.1 As stated in paragraph 17.4.52 of Chapter 17 (Noise and Vibration), an assessment of potential noise impacts on noise sensitive committed developments within the calculation area have been undertaken. Table 1 provides a list of all the committed developments that have been identified in this assessment, including the associated reference assigned in Chapter 8 (People Communities – Community and Private Assets).
- 1.1.2 The proposals for the formation of mine at Land at Duntanlich (planning application number: 15/01972/FLL) and the Erection of four warehouses, offices and associated works at land 80 metres north-west of Inch of Tullient Farm (planning application number: 14/00834/FLL) have not been included in this assessment because they are not considered to be noise sensitive committed developments.
- 1.1.3 Committed developments include extant planning applications that are consented, or yet to be determined, by the Perth & Kinross Council between 01 June 2015 and valid up to and including 31 May 2018.
- 1.1.4 Table 2 provides a summary of each of the committed developments and the percentage of the area that is predicted to fall within each noise contour band for the long-term assessment without the proposed Scheme, i.e., Do-Minimum 2026 vs Do-Minimum 2041 at a height of 1.5m above the ground.
- 1.1.5 Table 3 provides a summary of each of the committed developments and the percentage of the area that is predicted to fall within each noise contour band for the short-term assessment with the proposed Scheme, i.e. Do-Minimum 2026 vs Do-Something 2026 (with Mitigation) at a height of 1.5m above the ground.
- 1.1.6 Table 4 provides a summary of each of the committed developments and the percentage of the area that is predicted to fall within each noise contour band for the long-term assessment with the proposed Scheme, i.e., Do-Minimum 2026 vs Do-Something 2041 (with Mitigation) at a height of 1.5m above the ground.
- 1.1.7 Finally, Table 5 provides a summary of significance of noise impact at each of the committed developments for: the long-term assessment without the proposed scheme; the short-term assessment with the proposed scheme; and the long-term assessment with the proposed scheme.

Table 1: Committed developments considered in the assessment

Committed Development ID	Chapter 8 CPA Reference	Application Information					Proposal Description
		Planning Application Number	Address	Approximate Centre Point of Planning Application Boundary			
				Easting	Northing		
1	PA01	17/01574/IPL	Land 30 Metres North of St Colme's	300321	746936	Erection of holiday accommodation unit (in principle)	
2	PA02	15/00937/FLL	Tay View Lodges, Guay	299918	749255	Removal of condition 3 (occupancy of buildings) of permission 08/02350/FUL (Demolition of existing building and erection of recreation and training centre and 4 chalets)	
3*	PA03	09/00433/FUL	Land to the North of Morven, Kindallachan	299405	750157	Renewal of previous consent (04/00974/FUL) for erection of 6 dwelling houses	
4	PA05	18/00858/FLL	Inch of Tulliemet Farm	298377	751636	Extension of staff accommodation building to form office and additional staff	

* As noted in Paragraph 8.2.12 of Chapter 8 (People and Communities – Community and Private Assets), this planning application is outwith the assessment period (due to development being initiated but not completed) but has been identified through landowner consultation and has been included in the assessment.

Table 2: Assessment of committed developments in the long-term without the proposed scheme

Committed Development ID	Total Area of Committed Development (m ²)	% of Area Subject to Change in Noise Level (m ²)								
		Increase in Noise Level				No Change	Decrease in Noise Level			
		x ≥ 10 dB	5 ≤ x < 10 dB	3 ≤ x < 5 dB	0 < x < 3 dB	x = 0 dB	-3 < x < 0 dB	-5 < x ≤ -3 dB	-10 < x ≤ -5 dB	x ≤ -10 dB
1	2,131	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0
2	7,634	0.0	0.0	0.0	0.0	0.0	98.8	1.2	0.0	0.0
3	10,965	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0
4	4,606	0.0	0.0	0.0	0.0	0.0	52.5	47.5	0.0	0.0

Table 3: Assessment of committed developments in the short-term with the proposed scheme (with mitigation)

Committed Development ID	Total Area of Committed Development (m ²)	% of Area Subject to Change in Noise Level (m ²)								
		Increase in Noise Level				No Change	Decrease in Noise Level			
		x ≥ 5 dB	3 ≤ x < 5 dB	1 ≤ x < 3 dB	0 < x < 1 dB	x = 0 dB	-1 < x < 0 dB	-3 < x ≤ -1 dB	-5 < x ≤ -3 dB	x ≤ -5 dB
1	2,131	0.0	0.0	1.0	90.1	1.4	7.5	0.0	0.0	0.0
2	7,634	0.0	0.0	0.6	37.8	16.1	45.5	0.0	0.0	0.0
3	10,965	0.0	0.0	0.0	53.1	7.6	39.3	0.0	0.0	0.0
4	4,606	0.0	0.0	0.0	0.0	0.0	4.8	55.7	32.1	7.4

Table 4: Assessment of committed developments in the long-term with the proposed scheme (with mitigation)

Committed Development ID	Total Area of Committed Development (m ²)	% of Area Subject to Change in Noise Level (m ²)								
		Increase in Noise Level				No Change	Decrease in Noise Level			
		x ≥ 10 dB	5 ≤ x < 10 dB	3 ≤ x < 5 dB	0 < x < 3 dB	x = 0 dB	-3 < x < 0 dB	-5 < x ≤ -3 dB	-10 < x ≤ -5 dB	x ≤ -10 dB
1	2,131	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0
2	7,634	0.0	0.0	0.0	85.6	6.5	7.9	0.0	0.0	0.0
3	10,965	0.0	0.0	0.0	75.0	6.4	18.6	0.0	0.0	0.0
4	4,606	0.0	0.0	0.0	0.0	0.0	67.0	29.2	3.8	0.0

Table 5: Summary of significance of impacts at committed developments

Committed Development ID	Sensitivity of Committed Development	Significance of Noise Impact		
		Long-term Assessment without the Proposed Scheme	Short-term Assessment with the Proposed Scheme (with Mitigation)	Long-term Assessment with the Proposed Scheme (with Mitigation)
1	High	100% Slight Beneficial	1.0% Slight/Moderate Adverse 90.1% Slight Adverse 1.4% Neutral 7.5% Slight Beneficial	100% Slight Adverse
2	High	98.8% Slight Beneficial 1.2% Slight/Moderate Beneficial	0.6% Slight/Moderate Adverse 37.8% Slight Adverse 16.1% Neutral 45.5% Slight Beneficial	85.6% Slight Adverse 6.5% Neutral 7.9% Slight Beneficial
3	High	100% Slight Beneficial	53.1% Slight Adverse 7.6% Neutral 39.3% Slight Beneficial	75.0% Slight Adverse 6.4% Neutral 18.6% Slight Beneficial
4	High	52.5% Slight Beneficial 47.5% Slight/Moderate Beneficial	4.8% Slight Beneficial 55.7% Slight/Moderate Beneficial 32.1% Moderate/Large Beneficial 7.4% Large/Very Large Beneficial	67.0% Slight Beneficial 29.2% Slight/Moderate Beneficial 3.8% Moderate/Large Beneficial