

Appendix 17.1 Summary Table of Individual Farm Assessments

Appendix 17.1 - Summary Table of Individual Farm Assessments

Motorway Order No	Sheet /map Number (17.00 - 17.50)	Area of affected farm (ha) (see note 1)	Type of farm enterprise.	Land taken (ha) (note 2)	% taken	Severance (Yes/No)	% severed (of the area remaining)	Environmental Value (note 3)	Nature and magnitude of impact before mitigation (Refer to figures 17.00 - 17.51 for location of land parcels)	Significance of residual impact before mitigation	Recommended mitigating measures (see notes 4 & 5 & 6)	Nature and magnitude of impact after mitigation	Significance of residual impact after mitigating (note 7)
240	2	7.3	Tillage	0.11	1	No	0	Medium	No severance & Very low impact from land loss	Imperceptible	Notes 4 & 6	Very low	Imperceptible
241	1	58.8	Dairy	1.98	3.4	No	0	High	No severance & Low impact from land loss	Slight	Notes 4 & 6	Low	Slight
244	1	35.2	Tillage (tillage & beef)	0.2	0.7	No	0	Medium	No severance & Very low impact from land loss	Imperceptible	Notes 4 & 6	Very low	Imperceptible
247	2	1.4	Beef	0.1	6.6	No	0	Low	No severance & Medium impact from land loss	Slight	Notes 4 & 6	Medium	Slight
248	2,3	13.7	Beef	0.9	6.9	No	0	Medium	No severance & Medium impact from land loss	Moderate	Note 4 & Provide accommodation road.	Medium	Moderate
249	3	33.2	Beef	0.8	2.4	Yes	10	Medium	Low impact from land loss & severance	Slight	Notes 4 & 5 & 6 & Extend existing underpass across the N20.	Low	Slight
252	3	33.8	Beef	0.9	2.6	No	0	Medium	No severance & Low impact from land loss	Slight	Notes 4 & 6	Low	Slight
259	3	0.9	Ponies	0.9	100.0	No	0	Low	No severance & Very high impact from land loss- farm building(s) affected	Moderate	Notes 4 & 6	Very high	Moderate
261	3	8	Beef	0.9	11	No	0	Medium	No severance & High impact from land loss	Significant	Notes 4 & 6	High	Significant
262	3	8.3	Beef	0.03	0.4	No	0	Medium	No severance & Very low impact from land loss	Imperceptible	Notes 4 & 6 & Provide access via accommodation road	Very low	Imperceptible
263	3,4	28.9	Beef	0.40	1.4	No	0	Medium	No severance & Very low impact from land loss	Imperceptible	Notes 4 & 6 & Maintain access to affected/separated land.	Very low	Imperceptible
264	4	17.8	Tillage	2.5	14.4	Yes	7	Medium	Medium impact from land loss & severance	Moderate	Notes 4 & 5 & 6. No severance mitigation required	Medium	Moderate
265	4	0.9	Beef	0.6	65.9	No	0	Very low	No severance & Very high impact from land loss	Slight	Notes 4 & 6	Very high	Slight
266	4	13	Dairy (rented by dairy farm)	0.1	0.5	Yes	9	Medium	Low impact from land loss & severance	Slight	Notes 4 & 5 & 6. No severance mitigation required	Low	Slight
267	4,5	44.6	Dairy	2.2	4.8	Yes	28	High	Medium impact from land loss & severance	Moderate	Notes 4 & 5 & 6. No severance mitigation required	Medium	Moderate
268	5	78.7	Dairy (dairy, beef & tillage)	0.9	1.1	No	0	High	No severance & Very low impact from land loss	Imperceptible	Note 4 & 6	Very low	Imperceptible
269	5	11.5	Beef	0.9	7.8	No	0	Medium	No severance & Medium impact from land loss	Moderate	Note 4 & 6 & Provide access gates on country/parallel road	Medium	Moderate
270	5,6	13.2	Mixed grazing and tillage	3.7	27.7	No	0	Medium	No severance & Very high impact from land loss	Significant	Notes 4 & 6 & Provide access via accommodation road	Very high	Significant
271	5,6	40.6	Beef	0.9	2.1	Yes	19	Medium	Medium impact from land loss & severance - water source affected	Moderate	Notes 4 & 6 & Provide access via accommodation road	Medium	Moderate
272	6,7	57.7	Dairy	0.7	1.1	No	0	High	No severance & Very low impact from land loss	Imperceptible	Notes 4 & 6 & Provide access via accommodation road	Very low	Imperceptible
273	6	32.2	Beef	4.2	13	Yes	38	Medium	High impact from land loss & severance	Significant	Notes 4 & 6 & Maintain access to separated/affected land	High	Significant
274	6,7	3.4	Beef	2.5	72.3	No	0	Medium	No severance & Very high impact from land loss	Significant	Notes 4 & 6 & Provide access via accommodation road	Very high	Significant
277	6,7	14.5	Beef	1.6	11	Yes	2	Medium	High impact from land loss & severance - water source affected- farm building(s) affected	Significant	Notes 4 & 6 & Affected land to be accessed via shared access road	High	Significant

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280	5,7	25.3	Dairy	1.5	6	No	0	Medium	No severance & medium impact from land loss	Moderate	Note 4 & 6 & Provide access gates on country/parallel roads	Medium	Moderate
282	5,6	34.2	Mixed grazing and tillage	4.1	12.1	Yes	18	Medium	High impact from land loss & severance	Significant	Notes 4 & 5 & 6 & Maintain access to separated/affected land	High	Significant
300	7	8.1	Beef	2.4	29.4	Yes	36	Medium	Very high impact from land loss & severance	Significant	Notes 4 & 5 & 6. Provide access gates on country/parallel road	Very high	Significant
304	7	8.5	Beef	0.9	10.6	Yes	4	Low	High impact from land loss & severance	Moderate	Note 4 & 5 & 6 & Access to separated land to be maintained via gates on accommodation road	High	Moderate
305	7	2.4	Beef	0.1	2.8	No	0	Low	No severance & Low impact from land loss	Imperceptible	Note 4 & 6 & Provide access gates on country/parallel road.	Low	Imperceptible
307	7,8	30.1	Beef	1.9	6.4	Yes	11	Medium	Medium impact from land loss & severance	Moderate	Notes 4 & 6 & Extend existing underpass across the N20 and maintain access via new entrance on parallel road.	Medium	Moderate
309	7,8	49.1	Beef	4.2	8.5	Yes	23	Medium	Medium impact from land loss & severance.	Moderate	Notes 4 & 6 & Provide access gates on country/parallel road. Extend existing underpass across the N20.	Medium	Moderate
310	7,8	14.4	Beef	1.3	9.5	No	0	Medium	No severance & Medium impact from land loss	Moderate	Note 4 & 6 & Provide access from country/parallel road.	Medium	Moderate
312	8	7.7	Beef (beef & commercial use of land)	1.5	20	No	0	Low	No severance & High impact from land loss - water source affected- farm building(s) affected	Moderate	Notes 4 & 6 & Provide access from country/parallel road.	High	Moderate
313	8,9	68.3	Dairy	1.8	2.6	Yes	4	High	Low impact from land loss & severance.	Slight	Notes 4 & 5 & 6 & Extend existing underpasses across the N20 and provide accommodation road from country road.	Low	Slight
315	8,9	51.8	Dairy	3.5	7.0	Yes	8	High	Medium impact from land loss & severance.	Moderate	Notes 4 & 5 & 6 & Access to separated land to be maintained via gates on road west of motorway.	Medium	Moderate
316	8,9	44	Dairy	6.4	14.6	Yes	70	High	Very high impact from land loss & severance- under pass removed	Profound	Notes 4 & 5 & 6 Maintain access to northern severed land via accommodation road & maintain / extend southern underpass	Very high	Profound
317	9	28.9	Dairy	6.3	21.6	No	0	High	No severance & Very high impact from land loss	Profound	Note 4 & 6 & Provide access gates on country/parallel road.	Very high	Profound
320	8,9,10	23.9	Dairy	19.8	82.9	No	0	High	No severance and Very high impact from land loss	Profound	Notes 4 & 6. Maintain access to house & yard	Very high	Profound
321	9,10	24.6	Beef (beef & equine)	0.3	1.1	No	0	Medium	No severance & Very low impact from land loss	Imperceptible	Note 4 & 6 & Provide access gates on country/parallel road.	Very low	Imperceptible
322	9,10	13	Beef	2.3	17.5	No	0	Medium	No severance & Very high impact from land loss	Significant	Note 4 & 6	Very high	Significant
325	10	60.9	Dairy (dairy & beef)	0.81	1.3	Yes	37	High	Low impact from land loss & severance	Slight	Notes 4 & 6 & No severance mitigation required	Low	Slight
327	10,11	71.7	Beef & sheep	7.2	10.0	Yes	18	Medium	High impact from land loss & severance	Significant	Notes 4 & 6 & Extend existing underpass across the N20	Medium	Moderate
328	11	6.4	Other (leisure equine)	0.1	1.8	Yes	62	Medium	Very high impact from land loss & severance- farm yard affected	Significant	Notes 4 & 5 & 6 & Provide access to separated land via accommodation road	Medium	Moderate
329	11	29.1	Beef	2.9	9.9	Yes	8	Medium	Medium impact from land loss & severance - water source affected	Moderate	Notes 4 & 5 & 6 Provide access to separated land via gates on new public road.	Medium	Moderate

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332	11,12	24.9	Beef & sheep	2.3	9.3	No	0	Medium	No severance & Medium impact from land loss - water source affected	Moderate	Note 4 & 6	Medium	Moderate
333	11,12	15.8	Beef	8.3	52.5	No	0	Medium	No severance & Very high impact from land loss - water source affected	Profound	Note 4 & 6	Very high	Profound
334	11,12	38.5	Dairy	3.2	8.3	No	0	High	No severance & Medium impact from land loss	Moderate	Note 4 & 6	Medium	Moderate
335	11,12,13	34.4	Dairy	3.5	10.3	No	0	High	No severance & High impact from land loss	Significant	Note 4 & 6	High	Significant
338	11,12	18	Beef	3.1	17.1	Yes	33	Medium	Very high impact from land loss & severance- farm building(s) affected	Significant	Notes 4 & 5 & 6 & Access to separated land to be maintained via gates on public road.	Very high	Significant
339	12,13	20	Beef	3.8	19.2	Yes	53	Medium	High impact from land loss & severance	Significant	Notes 4 & 5 & 6. Maintain access to separated/affected land	High	Significant
340	12,13	28.1	Other (forestry)	5.1	18.1	Yes	18	Low	Very high impact from land loss & severance	Moderate	Notes 4 & 6 & Separated/affected land to be accessed via accommodation road	Very high	Moderate
341	13	24.2	Beef	2.4	10.0	No	0	Medium	No severance & High impact from land loss - water source affected	Significant	Note 4 & 6	High	Significant
342	13	14.1	Beef	0.6	4.1	No	0	Medium	No severance & Low impact from land loss - water source affected	Slight	Note 4 & 6	Low	Slight
343	13	48.6	Beef (beef & forestry)	0.9	1.8	No	0	Medium	No severance & Very low impact from land loss	Imperceptible	Note 4 & 6	Very low	Imperceptible
344	13,14	32.5	Beef	0.2	0.7	No	0	Medium	No severance & Very low impact from land loss	Imperceptible	Note 4 & 6	Very low	Imperceptible
345	13,14	56.8	Other (forestry & equine)	6.0	10.5	Yes	10	Low	Medium impact from land loss & severance	Slight	Notes 4 & 5 & 6 & Access to separated land to be maintained via gates on public road.	Medium	Slight
346	13,14	19.7	Sheep	4.5	22.6	Yes	74	Medium	Very high impact from land loss & severance - water source affected	Profound	Notes 4 & 5 & Access to separated land to be maintained via gates on public road.	Very high	Profound
347	14	3.3	Other (forestry)	0.1	2.9	No	0	Low	No severance & Low impact from land loss	Imperceptible	Note 4 & 6	Low	Imperceptible
348	14	12.3	Sheep	5.6	45.4	No	0	Medium	No severance & Very high impact from land loss - water source affected	Profound	Note 4 & 6	Very high	Profound
349	14,15	22.7	Beef & sheep	4.3	19.1	Yes	24	Medium	Very high impact from land loss & severance - water source affected	Significant	Notes 4 & 5 & 6 & Provide access to separated land via shared accommodation road east of motorway	Very high	Significant
350	14,15	15	Other (leisure equine)	3.5	23	Yes	44	Medium	Very high impact from land loss & severance - water source affected	Significant	Notes 4 & 5 & Provide access to separated land via underpass and accommodation road east of motorway.	High	Significant
351	14,15	19.9	Beef	4.7	23.7	Yes	21	Medium	High impact from land loss & severance - water source affected	Significant	Note 4 & 6	High	Significant
352	15	14.8	Other (equine)	0.4	2.8	No	0	Very High	No severance & Low impact from land loss. Water source affected.	Slight	Note 4 & 6	Low	Slight
353	15	16	Beef (beef & equine)	10.1	63.5	Yes	29	Medium	Very high impact from land loss & severance	Profound	Notes 4 & 5 & 6 & Provide access to separated land via accommodation road	Very high	Profound
357	15	15.3	Tillage	0.1	0.5	No	0	Medium	No severance & Very low impact from land loss	Imperceptible	Note 4 & 6	Very low	Imperceptible
359	15	31.1	Other (equine)	5.3	17.0	Yes	74	Very High	Very high impact from land loss & severance	Profound	Notes 4 & 5 & 6 & Provide access to separated land via underpass.	High	Significant

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360	15,16	32.8	Beef (beef & tillage)	2.9	8.7	Yes	12	Medium	Medium impact from land loss & severance	Moderate	Notes 4 & 5 & 6 & Provide access to separated land by allowing access under new bridge structure.	Medium	Moderate
361	15,16	96.2	Dairy	7.6	7.9	No	0	High	No severance & Medium impact from land loss	Moderate	Note 4 & 6	Medium	Moderate
362	16	20.3	Dairy (rented by dairy farm)	5.0	24.6	No	0	Medium	No severance & Very high impact from land loss	Significant	Note 4 & 6	Very high	Significant
367	16,17,48	98.6	Tillage	18.3	18.3	Yes	43	Medium	Very high impact from land loss & severance	Significant	Notes 4 & 5 & 6. Access to separated land to be maintained via gates on public road.	Very high	Significant
369	47	29	Dairy	0.1	0.4	No	0	Medium	No severance & Very low impact from land loss	Imperceptible	Note 4 & 6	Very low	Imperceptible
370	47	0.15	Fallow land (limited agricultural use)	0.13	85.4	No	0	Very low	No severance & Very high impact from land loss	Slight	Note 4 & 6	Very high	Slight
371	47	58.1	Dairy	0.1	0.2	No	0	Medium	No severance & Very low impact from land loss	Imperceptible	Note 4 & 6	Very low	Imperceptible
372	47	59.7	Beef	9.83	16.5	No	0	Medium	No severance & Very high impact from land loss	Significant	Note 4 & 6	Very high	Significant
373	47	126.3	Dairy	5.0	3.9	Yes	4	High	Low impact from land loss & severance	Slight	Notes 4 & 5 & 6 & Provide access to separated land via additional lane or cow path on over bridge	Low	Slight
374	47	20.2	Mixed grazing and tillage	2.5	12.5	Yes	41	Medium	Very high impact from land loss & severance	Significant	Notes 4 & 5 & 6 & Access to separated land to be maintained via gates on public road.	Very high	Significant
375	47,48	29.2	Dairy (dairy outfarm)	5.4	18.6	No	0	Medium	No severance & Very high impact from land loss	Significant	Note 4 & 6	Very high	Significant
383	47,48	22.3	Beef	2.2	9.9	Yes	9	Medium	Medium impact from land loss & severance	Moderate	Notes 4 & 5 & 6 Access to separated land to be maintained via gates on public road.	Medium	Moderate
384	47,48	1.4	Beef	1.40	100.0	No	0	Low	No severance & Very high impact from land loss	Moderate	Note 4 & 6	Very high	Moderate
385	16,17,47,48	53.9	Mixed grazing and tillage	7.1	13.2	Yes	6	Medium	High impact from land loss & severance	Significant	Notes 4 & 5 & 6 & Access to separated land to be maintained via gates on public road.	High	Significant
386	17,48	30.4	Dairy (dairy outfarm & forestry)	7.5	24.6	Yes	4	Medium	Very high impact from land loss & severance. Water source affected.	Significant	Notes 4 & 5 & 6 & Provide access to separated land via accommodation road and shared over bridge and accommodation road to public road.	Very high	Significant
387	17,48	62.1	Dairy (dairy & tillage)	4.9	7.9	No	0	High	No severance & Medium impact from land loss. Water source affected.	Moderate	Note 4 & 5 & 6 & Provide access to separated land via accommodation road and shared over bridge.	Medium	Moderate
388	17,18	61.4	Beef (beef & tillage)	2.4	4.0	No	0	Medium	No severance & Low impact from land loss	Slight	Note 4 & 6	Low	Slight
389	18	3.1	Beef	0.01	0.4	No	0	Medium	No severance & Very low impact from land loss	Imperceptible	Note 4 & 6	Very low	Imperceptible
393	17,18,48	52.1	Dairy (dairy & free range geese)	5.7	10.9	No	0	Very high	No severance & High impact from land loss. Water source affected.	Significant	Note 4 & 6	High	Significant
395	18	16	Dairy (rented by dairy farm)	1.7	10.9	Yes	71	Medium	Very high impact from land loss & severance.	Significant	Notes 4 & 5 & 6 & Provide access to separated land via shared accommodation road east of motorway	High	Significant

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396	18	26.4	Beef	1.6	5.9	Yes	37	Medium	Very high impact from land loss & severance.	Significant	Notes 4 & 5 & 6 & Provide access to separated land via shared accommodation road east of motorway	High	Significant
397	18,19	10.2	Other (leisure equine)	0.9	8.4	No	0	Medium	No severance & Medium impact from land loss	Moderate	Note 4 & 6	Medium	Moderate
398	19	34.2	Other (greyhounds & mixed grazing & tillage)	2.5	7.3	No	0	Medium	No severance & Medium impact from land loss- dog track affected	Moderate	Notes 4 & 6	Medium	Moderate
399	18,19	45.8	Tillage	13.6	29.7	Yes	12	Medium	Very high impact from land loss & severance- farm building(s) affected.	Significant	Notes 4 & 5 & 6. Provide access across development boundary.	Very high	Significant
401	19,20	15.5	Beef	3.5	22.6	Yes	15	Medium	Very high impact from land loss & severance	Significant	Notes 4 & 5 . Access to separated land to be maintained via gates on public road.	Very high	Significant
402	19,20	36.1	Beef	3.1	8.5	No	0	Medium	No severance & Medium impact from land loss	Moderate	Note 4 & 5 & 6 & Access to separated land to be maintained via gates on public road.	Medium	Moderate
403	20	50.1	Tillage	3.1	6.2	Yes	9	Medium	Medium impact from land loss & severance- farm yard affected	Moderate	Notes 4 & 5 & 6 & Maintain access to separated/affected land	Medium	Moderate
404	20	39.8	Beef	2.8	6.9	Yes	8	Medium	Medium impact from land loss & severance	Moderate	Notes 4 & 5 & 6 & Maintain access to separated/affected land	Medium	Moderate
406	20	2.1	Beef	0.6	26.6	No	0	Low	No severance & Very high impact from land loss	Moderate	Note 4 & 6 & Provide access to affected land via shared accommodation road	Very high	Moderate
407	20,21	23.6	Beef (beef & tillage)	4.5	19.1	No	0	Medium	No severance & Very high impact from land loss	Significant	Note 4 & 6	Very high	Significant
408, 428	20,21,22,23	32	Beef (beef & tillage)	5.3	16.5	Yes	26	Medium	Very high impact from land loss & severance	Significant	Notes 4 & 5 & 6 & Provide access across development boundary.	Very high	Significant
409	20,21	39.5	Dairy	4.4	11.2	Yes	25	High	Very high impact from land loss & severance	Profound	Notes 4 & 5 & 6 & Provide access to separated land via over bridge	High	Significant
410	21	18.3	Other (forestry)	2	11	Yes	93	Low	Very high impact from land loss & severance	Moderate	Notes 4 & 5 & Separated/affected land to be accessed via accommodation road	High	Moderate
411	21	27.3	Tillage	4.5	16.5	Yes	11	Medium	Very high impact from land loss & severance	Significant	Notes 4 & 5 & 6 & Maintain access to separated/affected land	Very high	Significant
414	21	22.2	Beef (pedigree beef)	0.6	2.6	No	0	High	No severance & Low impact from land loss	Slight	Note 4 & 6	Low	Slight
415	21	13.6	Beef	3.5	26	Yes	48	Medium	Very high impact from land loss & severance.	Significant	Notes 4 & 5 & 6 & Provide access to severed land under river bridge.	Very high	Significant
416	21,22	24.3	Beef	1.1	4.3	No	0	Medium	No severance & Low impact from land loss	Slight	Note 4 & 6	Low	Slight
417	21,22	23.5	Mixed grazing and tillage	3.4	14.5	Yes	53	Medium	High impact from land loss & severance	Significant	Notes 4 & 5 & 6 & Separated/affected land to be accessed via accommodation road	High	Significant
418	22	26.7	Beef (beef & tillage)	1.0	3.9	No	0	Medium	No severance & Low impact from land loss	Slight	Note 4 & 6	Low	Slight
419	22	79.4	Tillage	3.1	4.0	No	0	Medium	No severance & Low impact from land loss	Slight	Note 4 & 6	Low	Slight
420	21,22	47.1	Dairy (dairy outfarm)	2.9	6.2	Yes	1	Medium	Medium impact from land loss & severance	Moderate	Notes 4 & 5 & Maintain access to separated/affected land	Medium	Moderate

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422	22,23	30.7	Dairy	1.1	3.6	No	0	High	No severance & Low impact from land loss	Slight	Note 4 & 6	Low	Slight
425	22,23	6.9	Tillage	2.1	29.9	No	0	Medium	No severance & Very high impact from land loss	Significant	Note 4 & 6 Affected land to be accessed via accommodation road	Very high	Significant
427	22,23	38.5	Dairy	0.4	1.2	No	0	High	No severance & Very low impact from land loss	Imperceptible	Note 4 & 6	Very low	Imperceptible
429	23	20.3	Other (equine)	0.1	0.4	No	0	Very high	No severance & Very low impact from land loss	Imperceptible	Note 4 & 6	Very low	Imperceptible
430	23	6.4	Tillage	2.1	32.5	No	0	Medium	No severance & Very high impact from land loss	Significant	Note 4 & 6	Very high	Significant
431	23,24	24.1	Tillage (tillage & beef)	0.9	3.7	No	0	Medium	No severance & Low impact from land loss	Slight	Note 4 & 6 & Maintain access gate on public road	Low	Slight
432	23	23.2	Tillage	3.3	14.4	Yes	2	Medium	High impact from land loss & severance	Significant	Notes 4 & 5 & 6 & Access to separated land to be maintained via gates on public road.	High	Significant
441, 442	23,24,25	198.3	Dairy (dairy, beef & tillage)	14.9	7.5	Yes	11	High	Medium impact from land loss & severance	Moderate	Notes 4 & 5 & 6 & Provide access to separated land via underpass and accommodation road.	Medium	Moderate
443	23,24,25	11.8	Beef (beef & equine)	0.5	4.3	No	0	Medium	No severance & Low impact from land loss	Slight	Note 4 & 6	Low	Slight
444	23,24	13.2	Beef (beef & equine)	0.2	1.8	No	0	Medium	No severance & Very low impact from land loss	Imperceptible	Note 4 & 6	Very low	Imperceptible
445, 446	24,25	40	Dairy	1.2	3.1	No	0	High	No severance & Low impact from land loss	Slight	Note 4 & 6	Low	Slight
449	24,25	27.3	Beef	3.4	12.3	No	0	Medium	No severance & High impact from land loss	Significant	Note 4 & 6	High	Significant
450	25	2.8	Beef	0.2	6.3	No	0	Low	No severance & Medium impact from land loss	Slight	Note 4 & 6	Medium	Slight
451, 452	25	23.9	Beef (beef & equine)	3.1	13.1	Yes	57	Medium	Very high impact from land loss & severance	Significant	Notes 4 & 5 & No severance mitigation required	Very high	Significant
453	25	21.1	Beef (beef & tillage)	1.7	8	No	0	Medium	No severance & High impact from land loss	Moderate	Note 4 & 6	High	Moderate
454	25,26	29.7	Dairy	4.04	13.6	Yes	26	High	High impact from land loss & severance	Significant	Notes 4 & 5 & 6 & Provide access to separated land via underpass.	High	Significant
455	25,26	26.5	Beef	0.6	2.4	No	0	Medium	No severance & Very low impact from land loss	Imperceptible	Note 4 & 6	Very low	Imperceptible
456	25,26	35.6	Dairy	3.3	9.2	Yes	48	High	Very high impact from land loss & severance	Profound	Notes 4 & 5 & 6 & Provide access to separated land via underpass.	Medium	Moderate
457	26,27	49.8	Dairy (dairy & beef)	8.9	17.8	Yes	29	High	Very high impact from land loss & severance	Profound	Notes 4 & 5 & 6 Provide access to separated land via underpass and via gates on public road.	High	Significant
458	25,26,27	90.7	Dairy	0.8	0.9	No	0	High	No severance & Very low impact from land loss	Imperceptible	Note 4 & 6	Very low	Imperceptible
461	26,27	49.2	Dairy	3.0	6.1	Yes	4	High	Medium impact from land loss & severance	Moderate	Notes 4 & 5 & 6 & Access to separated land to be maintained via gates on public road.	Medium	Moderate
464	27	26.8	Beef (beef & equine)	7	26	Yes	30	Medium	Very high impact from land loss & severance	Significant	Notes 4 & 5 & 6 & Access to separated land to be maintained via gates on public road.	Very high	Significant
465	27	28.7	Mixed grazing and tillage	1.2	4.2	Yes	1	Medium	Low impact from land loss & severance	Slight	Note 4 & 5 & 6 Maintain access to separated/affected land	Low	Slight

Motorway Order No	Sheet /map Number (17.00 - 17.50)	Area of affected farm (ha) (see note 1)	Type of farm enterprise.	Land taken (ha) (note 2)	% taken	Severance (Yes/No)	% severed (of the area remaining)	Environmental Value (note 3)	Nature and magnitude of impact before mitigation (Refer to figures 17.00 - 17.51 for location of land parcels)	Significance of residual impact before mitigation	Recommended mitigating measures (see notes 4 & 5 & 6)	Nature and magnitude of impact after mitigation	Significance of residual impact after mitigating (note 7)
466	27,28	35.4	Dairy	3.6	10.3	Yes	16	High	High impact from land loss & severance	Significant	Notes 4 & 5 & 6 & Provide access to separated land via underpass.	High	Significant
467, 468	27,28,49	81.6	Dairy	7.0	8.6	Yes	28	High	Very high impact from land loss & severance	Profound	Notes 4 & 5 & 6 & Provide access to separated land via over bridge	Medium	Moderate
471	28,49	24.8	Beef (beef & tillage)	1.1	4.5	No	0	Medium	No severance & Low impact from land loss	Slight	Note 4 & 6	Low	Slight
472	28,49	20.2	Tillage	4.1	20.1	Yes	25	Medium	Very high impact from land loss & severance	Significant	Notes 4 & 5 & 6 Provide access to separated land maintained via gates on public road.	Very high	Significant
473	28,29,49	17.7	Beef	9.2	52.0	Yes	10	Medium	Very high impact from land loss & severance	Profound	Notes 4 & 5 & Provide access to separated land maintained via gates on public road.	Very high	Profound
474	28,29,49	20.9	Beef	0.3	1.3	No	0	Medium	No severance & Very low impact from land loss	Imperceptible	Note 4 & 6	Very low	Imperceptible
476	28,49	20.1	Beef	2.6	12.8	Yes	5	Medium	High impact from land loss & severance	Significant	Notes 4 & 5 & Provide access to separated land maintained via gates on relief road.	High	Significant
477	28,49	26.8	Mixed grazing and tillage	3.0	11	Yes	16	Medium	High impact from land loss & severance	Significant	Notes 4 & 5 & 6 & Provide access to separated land maintained via gates on relief road.	High	Significant
482	28,29,49	19.1	Dairy (rented by dairy farm)	4.3	22.3	Yes	27	Medium	Very high impact from land loss & severance	Significant	Notes 4 & 5 & Provide access to separated land via accommodation road	Very high	Significant
483	29,49	50.6	Dairy	4.6	9.0	Yes	32	High	Very high impact from land loss & severance	Profound	Notes 4 & 5 & 6 & Provide access to separated land via underpass.	High	Significant
484	29,30	42.8	Beef	2.1	4.8	Yes	30	Medium	Very high impact from land loss & severance	Significant	Notes 4 & 5 & 6 & Provide access to separated land via underpass.	High	Significant
485	29,30	70.4	Dairy	2.1	2.9	No	0	High	No severance & Low impact from land loss	Slight	Note 4 & 6	Low	Slight
486, 487	29,30	35.8	Dairy	2	5.7	Yes	55	High	Very high impact from land loss & severance	Profound	Notes 4 & 5 & 6 & Maintain access to separated/affected land	High	Significant
489	30	27.1	Dairy (rented by dairy farm)	8.1	30.0	No	0	Medium	No severance & Very high impact from land loss	Significant	Note 4 & 6	Very high	Significant
492, 499	30,31	29.3	Dairy (rented by dairy farm)	4.2	14.3	Yes	55	Medium	Very high impact from land loss & severance- farm building(s) affected	Significant	Notes 4 & 5 & 6 & Provide access to separated land via underpass and via gates on public road.	High	Significant
500	30,31	52.2	Dairy	6.4	12.3	Yes	5	High	High impact from land loss & severance- farm building(s) affected	Significant	Notes 4 & 5 & 6 & Maintain access to separated/affected land	High	Significant
503	31,32	100.6	Dairy	5.4	5.4	Yes	5	High	Medium impact from land loss & severance	Moderate	Notes 4 & 5 & 6 & Maintain access to separated/affected land	Medium	Moderate
504, 640, 662	30	46.3	Dairy	3.9	8.4	Yes	9	High	Medium impact from land loss & severance	Moderate	Notes 4 & 5 & 6	Medium	Moderate
507, 646	31,32	43.5	Dairy	5.6	13	Yes	60	High	Very high impact from land loss & severance	Profound	Notes 4 & 5 & 6 & Provide access to separated land via underpass.	High	Significant
508	32	17.1	Beef	1.6	9.3	No	0	Medium	No severance & Medium impact from land loss	Moderate	Note 4 & 6	Medium	Moderate
509	32,33	43.3	Dairy	0.5	1.1	No	0	High	No severance & Very low impact from land loss	Imperceptible	Note 4 & 6	Very low	Imperceptible
510	32	13.3	Beef (beef & equine)	1.2	9.1	No	0	Medium	No severance & Medium impact from land loss	Moderate	Note 4 & 6	Medium	Moderate
511	32	16.7	Beef	3	18.5	Yes	10	Medium	Very high impact from land loss & severance	Significant	Notes 4 & 5 & 6 & Maintain access to separated/affected land	Very high	Significant

Motorway Order No	Sheet /map Number (17.00 - 17.50)	Area of affected farm (ha) (see note 1)	Type of farm enterprise.	Land taken (ha) (note 2)	% taken	Severance (Yes/No)	% severed (of the area remaining)	Environmental Value (note 3)	Nature and magnitude of impact before mitigation (Refer to figures 17.00 - 17.51 for location of land parcels)	Significance of residual impact before mitigation	Recommended mitigating measures (see notes 4 & 5 & 6)	Nature and magnitude of impact after mitigation	Significance of residual impact after mitigating (note 7)
513	32	38.5	Dairy	1.0	2.6	No	0	High	No severance & Low impact from land loss	Slight	Note 4 & 6	Low	Slight
514	32,33	56.7	Beef	9.7	17	Yes	15	Medium	Very high impact from land loss & severance	Significant	Notes 4 & 5 & 6 & Provide access to separated land via over bridge.	High	Significant
515, 516	32,33	45.2	Dairy	2.2	4.9	No	0	High	No severance & Low impact from land loss	Slight	Note 4 & 6	Low	Slight
518	33,34	33.3	Beef	0.1	0.2	No	0	Medium	No severance & Very low impact from land loss.	Imperceptible	Notes 4 & 6	Very low	Imperceptible
519	33,34	78.2	Dairy	4.7	6.0	No	0	High	No severance & Low impact from land loss	Slight	Note 4 & 6	Low	Slight
520	33,34	72.6	Beef	8.2	11.3	No	0	Medium	No severance & High impact from land loss - water source affected	Significant	Notes 4 & 6	High	Significant
521	34	48.7	Dairy (dairy & beef)	6.2	12.7	No	0	High	No severance & High impact from land loss	Significant	Note 4 & 6	High	Significant
522	34,35,50	80.3	Dairy	6.7	8.4	Yes	62	High	Very high impact from land loss & severance	Profound	Notes 4 & 5 & 6 & Provide access to separated land via over bridge.	High	Significant
523	34	12.2	Beef	3.1	25.2	Yes	80	Medium	Very high impact from land loss & severance	Profound	Notes 4 & 5 & 6 & Access gates from existing country road(s) to be provided to separated land on eastern side of motorway.	Very high	Profound
526	35,50	47.3	Dairy	4.9	10.4	No	0	High	No severance & Medium impact from land loss	Moderate	Note 4 & 6	Medium	Moderate
527	35,50	22.2	Beef	7.2	32.5	Yes	34	Medium	Very high impact from land loss & severance	Profound	Notes 4 & 5 & 6 & Provide access to separated land via underpass.	Very high	Profound
528	35,36,50	45	Beef	7.8	17.3	No	0	Medium	No severance & Very high impact from land loss	Significant	Note 4 & 6	Very high	Significant
529	35,36,50	80.6	Dairy	1.3	1.6	No	0	High	No severance & Very low impact from land loss	Imperceptible	Note 4 & 6	Very low	Imperceptible
542, 576	39,40	49.9	Dairy (dairy outfarm)	2.8	5.7	Yes	36	Medium	Very high impact from land loss & severance	Significant	Notes 4 & 5 & 6 & Provide access to separated land via over bridge.	Medium	Moderate
551	50	1.7	Beef	0.5	30.8	No	0	Low	No severance & Very high impact from land loss	Moderate	Note 4 & 6	Very high	Moderate
552	50	6.2	Beef	0.3	5.3	No	0	Medium	No severance & Medium impact from land loss	Moderate	Note 4 & 6	Medium	Moderate
554	50	30.4	Beef	0.9	3.0	No	0	Medium	No severance & Low impact from land loss	Slight	Note 4 & 6	Low	Slight
555	36,37	32.3	Dairy	5.3	16.5	Yes	34	High	Very high impact from land loss & severance	Profound	Notes 4 & 5 & 6 & Provide access to separated land via underpass.	High	Significant
556	36	24.5	Dairy (rented by dairy farm)	2.7	11.1	Yes	60	Medium	Very high impact from land loss & severance	Significant	Notes 4 & 5 & 6 & Provide access to separated land via underpass.	High	Significant
557	36	44.1	Dairy	3.4	7.7	Yes	15	High	High impact from land loss & severance	Significant	Notes 4 & 5 & 6 & Provide access to separated land via underpass for livestock and small machinery and accommodation road east of motorway for larger machinery.	Medium	Moderate
559	36	0.5	Beef	0.1	13.0	No	0	Low	No severance & Medium impact from land loss	Slight	Note 4 & 6	Medium	Slight
560	36,37	42.1	Beef	6.8	16.2	Yes	26	Medium	Very high impact from land loss & severance- farm entrance affected	Significant	Notes 4 & 5 & 6 & New entrance to be provided from country road. Access gates from existing country road(s) to be provided to separated land on eastern side of motorway.	Very high	Significant

Motorway Order No	Sheet /map Number (17.00 - 17.50)	Area of affected farm (ha) (see note 1)	Type of farm enterprise.	Land taken (ha) (note 2)	% taken	Severance (Yes/No)	% severed (of the area remaining)	Environmental Value (note 3)	Nature and magnitude of impact before mitigation (Refer to figures 17.00 - 17.51 for location of land parcels)	Significance of residual impact before mitigation	Recommended mitigating measures (see notes 4 & 5 & 6)	Nature and magnitude of impact after mitigation	Significance of residual impact after mitigating (note 7)
561	37	18.2	Dairy	1.5	8.2	Yes	20	High	Very high impact from land loss & severance	Profound	Notes 4 & 5 & 6 & Separated land accessed via additional lane on over bridge	High	Significant
566	37	17	Beef	3.9	22.9	No	0	Medium	No severance & Very high impact from land loss - water source affected- farm building(s) affected	Significant	Notes 4 & 6	Very high	Significant
567	37	18.2	Dairy (rented by dairy farm)	2.7	14.9	No	0	Medium	No severance & High impact from land loss - water source affected	Significant	Note 4 & 6	High	Significant
568	37,38	72	Dairy	6.1	8.5	No	0	High	No severance & Medium impact from land loss - water source (drinking point) affected	Moderate	Note 4 & 6	Medium	Moderate
569	37,38	28.1	Dairy	1.2	4.2	No	0	High	No severance & Very low impact from land loss	Imperceptible	Note 4 & 6	Very low	Imperceptible
570	38	46.9	Mixed grazing and tillage	0.1	0.2	No	0	High	No severance & Very low impact from land loss	Imperceptible	Note 4 & 6	Very low	Imperceptible
571	38	50	Dairy	4.3	8.7	No	0	High	No severance & Medium impact from land loss	Moderate	Note 4 & 6	Medium	Moderate
572	38	33.4	Dairy	1.6	4.8	Yes	4	High	Low impact from land loss & severance - water source affected. Impact on old building.	Slight	Notes 4 & 5 6 & Provide access to separated land via local road over bridge and via gates on public road.	Low	Slight
574	38,39	56.4	Dairy	3.8	6.7	No	0	High	No severance & Medium impact from land loss	Moderate	Note 4 & 6	Medium	Moderate
575	38,39	49.5	Dairy	8.8	17.6	Yes	50	High	Very high impact from land loss & severance	Profound	Notes 4 & 5 & 6 & Provide access to separated land via over bridge	Very high	Profound
577	39,40	14.9	Other (equine & beef)	0.6	3.8	No	0	Medium	No severance & Low impact from land loss - water source affected	Slight	Note 4 & 6	Low	Slight
578	39,40	12.3	Beef	0.9	4.6	No	0	Medium	No severance & Low impact from land loss - water source affected	Slight	Note 4 & 6	Low	Slight
579	39,40	44.2	Dairy (dairy & beef)	7.0	15.9	Yes	42	Medium	Very high impact from land loss & severance	Significant	Notes 4 & 5 & 6 & Extend existing underpass across the N20 and provide accommodation road from country road.	High	Significant
580	40,41	116.8	Other (equine)	0.5	0.4	No	0	Very high	No severance & Very low impact from land loss	Imperceptible	Note 4 & 6 & New access road to be provided to western entrance.	Very low	Imperceptible
581	40	9.9	Beef (beef & equine)	0.1	0.9	No	0	Medium	No severance & Very low impact from land loss	Imperceptible	Note 4 & 6	Very low	Imperceptible
583	40	6.3	Other (equine)	0.01	0.1	No	0	Medium	No severance & Very low impact from land loss	Imperceptible	Note 4 & 6	Very low	Imperceptible
584	40	5.5	Beef	0.02	0.4	No	0	Medium	No severance & Very low impact from land loss	Imperceptible	Note 4 & 6	Very low	Imperceptible
585	40,41	15.3	Beef	0.4	2.6	No	0	Medium	No severance & Low impact from land loss- farm building(s) affected	Slight	Notes 4 & 6	Low	Slight
586	40,41	28.4	Dairy	1.2	4.3	No	0	High	No severance & Low impact from land loss	Slight	Note 4 & 6	Low	Slight
588	41,42	40.6	Other (equine)	0.3	0.6	No	0	Very high	No severance & Very low impact from land loss	Imperceptible	Note 4 & 6	Very low	Imperceptible
590	41	2.1	Beef	0.4	21.2	No	0	Low	No severance & High impact from land loss	Moderate	Note 4 & 6	High	Moderate
591	41	9.5	Beef	0.9	9.0	No	0	Medium	No severance & Medium impact from land loss	Moderate	Note 4 & 6	Medium	Moderate
592	41	4.3	Other (leisure equine)	0.8	18.0	No	0	Medium	No severance & High impact from land loss	Significant	Note 4 & 6	High	Significant

Motorway Order No	Sheet /map Number (17.00 - 17.50)	Area of affected farm (ha) (see note 1)	Type of farm enterprise.	Land taken (ha) (note 2)	% taken	Severance (Yes/No)	% severed (of the area remaining)	Environmental Value (note 3)	Nature and magnitude of impact before mitigation (Refer to figures 17.00 - 17.51 for location of land parcels)	Significance of residual impact before mitigation	Recommended mitigating measures (see notes 4 & 5 & 6)	Nature and magnitude of impact after mitigation	Significance of residual impact after mitigating (note 7)
593	41,42	18.1	Beef	0.8	4.0	No	0	Medium	No severance & Low impact from land loss	Slight	Note 4 & 6	Low	Slight
594	41,42	57.2	Other (equine)	2.6	3.5	Yes	42	Very high	Low impact from land loss & severance	Slight	Notes 4 & 5 & 6 & Maintain access to separated/affected land	Low	Slight
595	41,42	22	Beef	0.2	0.8	No	0	Medium	No severance & Very low impact from land loss	Imperceptible	Note 4	Very low	Imperceptible
596	41,42	2	Beef (beef & equine)	0.1	3.9	No	0	Low	No severance & Low impact from land loss	Imperceptible	Note 4 & 6	Low	Imperceptible
597	42	18.9	Dairy	1.9	10.3	Yes	24	High	High impact from land loss & severance	Significant	Notes 4 & 5 & 6 & Provide access to separated land via gates on slip roads and existing public road.	High	Significant
598	42	1.7	Other (equine)	0.2	10.6	No	0	Medium	No severance & High impact from land loss	Significant	Note 4 & 6	High	Significant
600	42	7.9	Beef	0.002	0.03	No	0	Medium	No severance & Very low impact from land loss	Imperceptible	Note 4	Very low	Imperceptible
601	42,43	23.3	Beef	1.2	5.1	Yes	18	Medium	Low impact from land loss & severance	Slight	Notes 4 & 5 & 6 & No severance mitigation required	Low	Slight
602	42,43	7.5	Beef	0.1	1.6	No	0	Medium	No severance & Very low impact from land loss	Imperceptible	Note 4 & 6	Very low	Imperceptible
603	42,43	11.9	Beef	0.1	0.9	No	0	Medium	No severance & Very low impact from land loss	Imperceptible	Note 4 & 6	Very low	Imperceptible
605	42,43	11.9	Dairy (dairy & beef)	1.7	14.5	Yes	65	High	Very high impact from land loss & severance	Profound	Notes 4 & 5 & Extend existing underpass across the N20.	High	Significant
606	43,44	101.9	Dairy	10.2	10	No	0	High	No severance & High impact from land loss	Significant	Note 4 & 6	High	Significant
607	43	12.7	Dairy (rented by dairy farm)	9.7	76	No	0	Medium	No severance & Very high impact from land loss	Significant	Note 4 & 6	Very high	Significant
608	43	4.7	Beef (beef & forestry)	0.6	12.6	No	0	Low	No severance & High impact from land loss	Moderate	Note 4 & 6	High	Moderate
609	43,44	43.3	Beef (beef & equine)	1.7	4.0	No	0	Medium	No severance & Low impact from land loss - water source affected	Slight	Note 4 & 6	Low	Slight
610, 645	43,44	71.6	Dairy	3.4	4.7	Yes	37	High	Very high impact from land loss & severance	Profound	Notes 4 & 5 & 6 & Provide access to separated land via underpass for cattle and small machinery and accommodation road west of motorway for larger machinery.	High	Significant
611	43, 44	9.5	Dairy (rented by dairy farm)	0.04	0.4	No	0	Medium	No severance & Very low impact from land loss	Imperceptible	Note 4 & 6	Very low	Imperceptible
612	43,44	8.3	Beef	3.4	40.4	No	0	Medium	No severance & Very high impact from land loss	Significant	Note 4 & 6	Very high	Significant
No MO Ref No	43,44	0.8	Other (poultry)	0.0	0.0	No	0	High	High impact due to change in noise & light environment	Significant	Note 4 (Noise mitigation)	Low	Slight
613	44	3.9	Beef	0.6	15.5	No	0	Medium	No severance & Very high impact from land loss	Significant	Note 4 & 6	Very high	Significant
616, 639	44,45	22.6	Beef (beef & tillage)	7.5	33	No	0	Medium	No severance & Very high impact from land loss	Significant	Note 4 & 6	Very high	Significant
617	44,45	20.6	Dairy (dairy outfarm)	2.4	11.5	No	0	Medium	No severance & High impact from land loss	Significant	Note 4 & 6	High	Significant
618	45	55.1	Dairy	1.2	2.3	No	0	High	No severance & Very low impact from land loss	Imperceptible	Note 4 & 6	Very low	Imperceptible
619	45	9.2	Beef	0.4	4.7	No	0	Medium	No severance & Low impact from land loss	Slight	Note 4 & 6	Low	Slight

Motorway Order No	Sheet /map Number (17.00 - 17.50)	Area of affected farm (ha) (see note 1)	Type of farm enterprise.	Land taken (ha) (note 2)	% taken	Severance (Yes/No)	% severed (of the area remaining)	Environmental Value (note 3)	Nature and magnitude of impact before mitigation (Refer to figures 17.00 - 17.51 for location of land parcels)	Significance of residual impact before mitigation	Recommended mitigating measures (see notes 4 & 5 & 6)	Nature and magnitude of impact after mitigation	Significance of residual impact after mitigating (note 7)
620	45,46	29.7	Dairy (rented by dairy farm)	3.2	10.8	Yes	12	Medium	High impact from land loss & severance	Significant	Notes 4 & 5 & 6 & Provide access to separated land via underpass.	High	Significant
621	45,46	41.8	Dairy	3.3	7.9	No	0	High	No severance & Medium impact from land loss	Moderate	Note 4 & 6	Medium	Moderate
622	46	5.9	Beef	0.2	3.5	No	0	Low	No severance & Low impact from land loss	Imperceptible	Note 4 & 6	Low	Imperceptible
623	43, 44	24.4	Dairy (rented by dairy farm)	0.1	0.4	No	0	Medium	No severance & Very low impact from land loss	Imperceptible	Note 4 & 6	Very low	Imperceptible
626	44	2.6	Beef	0.01	0.2	No	0	Medium	No severance & Very low impact from land loss	Imperceptible	Note 4 & 6	Very low	Imperceptible
633	35	49.1	Dairy	0.01	0.02	No	0	Medium	No severance & Very low impact from land loss	Imperceptible	Note 4 & 6	Very low	Imperceptible
643	50	7.6	Beef	0.2	2.2	No	0	Medium	No severance & Very low impact from land loss	Imperceptible	Note 4 & 6	Very low	Imperceptible
644	50	45.1	Dairy	0.2	0.3	No	0	High	No severance & Very low impact from land loss	Imperceptible	Note 4 & 6	Very low	Imperceptible
648	44,45	17.4	Beef	0.01	0.1	No	0	Medium	No severance & Very low impact from land loss	Imperceptible	Note 4 & 6	Very low	Imperceptible
653, 660	42,43	15.6	Beef	0.4	2.5	No	0	Medium	No severance & Low impact from land loss	Slight	Note 4 & 6	Low	Slight
661	42,43	9.3	Beef	0.02	0.2	No	0	Medium	No severance & Very low impact from land loss	Imperceptible	Note 4 & 6	Very low	Imperceptible
665	42,43	17.6	Beef	0.03	0.2	No	0	Medium	No severance & Very low impact from land loss	Imperceptible	Note 4 & 6	Very low	Imperceptible
667	32, 33	3.8	Dairy (rented by dairy farm)	0.08	0.02	No	0	Low	No severance & Very low impact from land loss	Imperceptible	Note 4 & 6	Very low	Imperceptible
668	39, 40	9.7	Other (equine)	0.37	6.4	No	0	Medium	No severance & medium impact from land loss	Moderate	Note 4 & 6	Medium	Moderate

Note 1: The farm size is approximate. Where available the total area of the farm is given. However if the remainder of the farm is not adjoining the affected land parcel or is located outside the area shown in figures 17.00 to 17.51 then the area of the farm which is directly affected is used to calculate the % land loss and % severance.

Note 2: The area of land taken is approximate and may vary from the amount of land purchased through the Motor Order.

Note 3: Environmental Value of farm relates to sensitivity and the importance of each farm and influence of site specific factors (see section 17.2.3 of the EIS).

Note 4: Fencing, landscaping and noise mitigation as per scheme specifications. Intersect existing land drains and provide suitable drainage out fall. Maintain water and ESB supplies. Provide replacement gates & entrances.

Note 5: Maintain water and power supply to severed/ affected land parcels via ducting.

Note 6: The replacement/provision of farm buildings & cattle holding pens and other farm structures will be provided for in the compensation paid.

Note 7: The combined impacts of severance, land loss, enterprise, land quality, drainage impacts, size of the land parcel and proposed mitigating measures are taken into account.