
Appendix A16.1
Material Assets: Agricultural
Properties



Rialtas
na hÉireann
Government
of Ireland

Tionscadal Éireann
Project Ireland
2040



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1. APPENDIX A16.1: MATERIAL ASSETS AGRICULTURAL PROPERTIES

Table 1-1 Summary of Individual Land Parcel Effects.

Ref No. (chainage)	Zone	Land Parcel Type	Sensitivity	Area (ha)	Land take				Impact Description	Construction Phase Effect (see Note 1)		Mitigation	Operational Phase Effect	Mitigation	Residual Effect
					Permanent (ha)	(%)	Temporary (ha)	%		Pre mitigation	Post mitigation				
1 (17+900)	B	Grassland land parcel	Low	5.55	5.55	100	0	0	Permanent land-take = 5.55ha. Permanent reduction in land parcel area = 100%. No Easement. No impact on R.O.W.	SL	SL	Note 2	SL	Note 3	SL
3 (18+800)	C	Tillage & grassland	Low	5.24	0.93	17.7	1.42	27.1	Temporary land-take = 1.42ha. Temporary works area causing disturbance due to temporary land take, construction activity and damage to soil structure. Permanent land-take = 0.93ha. Permanent reduction in land parcel area = 17.7%. Construction compound on plot. No Easement. No impact on R.O.W.	M	M	Note 2	M	Note 3	M
4 (19+000)	C	Tillage	Medium	42.43	0	0	0.12	<0.5	Temporary land-take = 0.12ha. Temporary works area causing disturbance due to temporary land take, construction activity and damage to soil structure. Temporary easement = 0.28ha. Temporary severance caused by temporary landtake. No impact on R.O.W.	NS	NS	Note 2	NS	Note 3	NS
5 (21+100)	C	Grassland land parcel	Low	11.29	0	0	0	0	No land-take. Temporary easement = 0.07ha. No impact on R.O.W.	NS	NS	Note 2	NS	Note 3	NS
8 (23+000)	C	Tillage	Medium	15.42	0	0	0.13	0.8	Temporary land-take = 0.13ha. Temporary works area causing disturbance due to temporary land take, construction activity and damage to soil structure. Temporary easement = 0.18ha, permanent easement = 0.08ha. No impact on R.O.W.	NS	NS	Note 2	NS	Note 3	NS
9 (22+900)	C	Tillage	Medium	6.9	0	0	0.04	0.6	Temporary land-take = 0.04ha. Temporary works area causing disturbance due to temporary land take, construction activity and damage to soil structure. Temporary easement = 0.09ha. Temporary severance caused by temporary landtake. No impact on R.O.W.	NS	NS	Note 2	NS	Note 3	NS
10 (22+700)	C	Grassland land parcel	Medium	10.77	0	0	0.13	1.2	Temporary land-take = 0.13ha. Temporary works area causing disturbance due to temporary land take, construction activity and damage to soil structure. Temporary easement = 0.07ha, permanent easement = 0.09ha. Temporary severance caused by temporary landtake. No impact on R.O.W.	NS	NS	Note 2	NS	Note 3	NS
11 (23+300)	C	Tillage	Medium	13.08	0	0	0.08	0.6	Temporary land-take = 0.08ha. Temporary works area causing disturbance due to temporary land take, construction activity and damage to soil structure. Permanent easement = 0.07ha. No impact on R.O.W.	NS	NS	Note 2	NS	Note 3	NS
12 (23+300)	C	Tillage	Medium	21.77	0.31	1.4	1.44	6.6	Temporary land-take = 1.44ha. Temporary works area causing disturbance due to temporary land take, construction activity and damage to soil structure. Permanent land-take = 0.31ha. Permanent reduction in land parcel area = 1.4%. Construction compound on plot.	SL	NS	Note 2	NS	Note 3	NS

Ref No. (chainage)	Zone	Land Parcel Type	Sensitivity	Area (ha)	Land take				Impact Description	Construction Phase Effect (see Note 1)		Mitigation	Operational Phase Effect	Mitigation	Residual Effect
					Permanent (ha)	(%)	Temporary (ha)	%		Pre mitigation	Post mitigation				
									Temporary easement = 0.27ha, permanent easement = 0.22ha. Temporary severance caused by temporary landtake. No impact on R.O.W.						
13 (23+900)	C	Grassland land parcel	Medium	0.29	0	0	0.06	20.7	Temporary land-take = 0.06ha. Temporary works area causing disturbance due to temporary land take, construction activity and damage to soil structure. Permanent easement = 0.06ha. No impact on R.O.W.	SL	NS	Note 2	NS	Note 3	NS
14 (23+900)	C	Grassland land parcel	Medium	1.7	0	0	0.13	7.6	Temporary land-take = 0.13ha. Temporary works area causing disturbance due to temporary land take, construction activity and damage to soil structure. Temporary easement = 0.2ha, permanent easement = 0.12ha. Temporary severance caused by temporary landtake. No impact on R.O.W.	SL	NS	Note 2	NS	Note 3	NS
15 (23+900)	C	Grassland land parcel	Medium	5.74	0	0	0.18	3.1	Temporary land-take = 0.18ha. Temporary works area causing disturbance due to temporary land take, construction activity and damage to soil structure. Permanent easement = 0.1ha. No impact on R.O.W.	SL	NS	Note 2	NS	Note 3	NS
16 (24+100)	C	Grassland land parcel	Medium	7.4	0	0	0.02	<0.5	Temporary land-take = 0.02ha. Temporary works area causing disturbance due to temporary land take, construction activity and damage to soil structure. No Easement. No impact on R.O.W.	NS	NS	Note 2	NS	Note 3	NS
17 (24+500)	C	Tillage	Medium	32.37	0	0	0.33	1	Temporary land-take = 0.33ha. Temporary works area causing disturbance due to temporary land take, construction activity and damage to soil structure. Temporary easement = 0.12ha, permanent easement = 0.18ha. Temporary severance caused by temporary landtake. No impact on R.O.W.	NS	NS	Note 2	NS	Note 3	NS
18 (24+800)	C	Horticulture	Very High	8.52	0	0	0.49	5.8	Temporary land-take = 0.49ha. Temporary works area causing disturbance due to temporary land take, construction activity and damage to soil structure. Temporary easement = 0.09ha, permanent easement = 0.25ha. Temporary severance caused by temporary landtake. No impact on R.O.W.	M	NS	Note 2	NS	Note 3	NS
19 (28+300)	C	Tillage	Medium	47.32	0.56	1.2	1.12	2.4	Temporary land-take = 1.12ha. Temporary works area causing disturbance due to temporary land take, construction activity and damage to soil structure. Permanent land-take = 0.56ha. Permanent reduction in land parcel area = 1.2%. Construction compound on plot. Temporary easement = 0.3ha, permanent easement = 0.37ha. No impact on R.O.W.	NS	NS	Note 2	NS	Note 3	NS
20 (25+300)	C	Tillage	Medium	6.85	0	0	0.41	6	Temporary land-take = 0.41ha. Temporary works area causing disturbance due to temporary land take, construction activity and damage to soil structure. Construction compound on plot. Temporary easement = 0.11ha, permanent easement = 0.07ha. No impact on R.O.W.	SL	NS	Note 2	NS	Note 3	NS
21 (26+000)	C	Equine	High	2.49	0	0	0.27	10.8	Temporary land-take = 0.27ha. Temporary works area causing disturbance due to temporary land take, construction activity and damage to soil structure. Permanent easement = 0.15ha. Temporary severance caused by temporary landtake. No impact on R.O.W.	M	NS	Note 2	NS	Note 3	NS

Ref No. (chainage)	Zone	Land Parcel Type	Sensitivity	Area (ha)	Land take				Impact Description	Construction Phase Effect (see Note 1)		Mitigation	Operational Phase Effect	Mitigation	Residual Effect
					Permanent (ha)	(%)	Temporary (ha)	%		Pre mitigation	Post mitigation		Pre mitigation		Post mitigation
22 (26+100)	C	Tillage	Medium	9.27	0.001	<0.5	0.31	3.3	Temporary land-take = 0.31ha. Temporary works area causing disturbance due to temporary land take, construction activity and damage to soil structure. Permanent land-take = 0.001ha. Permanent reduction in land parcel area = <0.5%. Permanent easement = 0.22ha. Temporary severance caused by temporary landtake. No impact on R.O.W.	NS	NS	Note 2	NS	Note 3	NS
23 (26+100)	C	Horticulture and grassland	High	6.14	0	0	0.27	4.4	Temporary land-take = 0.27ha. Temporary works area causing disturbance due to temporary land take, construction activity and damage to soil structure. Temporary easement = 0.05ha, permanent easement = 0.15ha. Temporary severance caused by temporary landtake. No impact on R.O.W.	SL	NS	Note 2	NS	Note 3	NS
24 (26+500)	C	Tillage	Medium	3.35	0	0	0.23	6.9	Temporary land-take = 0.23ha. Temporary works area causing disturbance due to temporary land take, construction activity and damage to soil structure. Permanent easement = 0.14ha. Temporary severance caused by temporary landtake. No impact on R.O.W.	SL	NS	Note 2	NS	Note 3	NS
26 (26+800)	C	Tillage	Medium	0.86	0	0	0.05	5.8	Temporary land-take = 0.05ha. Temporary works area causing disturbance due to temporary land take, construction activity and damage to soil structure. Temporary easement = 0.02ha, permanent easement = 0.04ha. No impact on R.O.W.	SL	NS	Note 2	NS	Note 3	NS
27 (26+900)	C	Tillage	Medium	0.78	0	0	0.05	6.4	Temporary land-take = 0.05ha. Temporary works area causing disturbance due to temporary land take, construction activity and damage to soil structure. Temporary easement = 0.07ha, permanent easement = 0.03ha. Temporary severance caused by temporary landtake. No impact on R.O.W.	M	SL	Note 2	SL	Note 3	SL
28 (26+900)	C	Tillage	Medium	0.89	0	0	0.05	5.6	Temporary land-take = 0.05ha. Temporary works area causing disturbance due to temporary land take, construction activity and damage to soil structure. Temporary easement = 0.004ha, permanent easement = 0.03ha. No impact on R.O.W.	SL	NS	Note 2	NS	Note 3	NS
29 (27+200)	C	Tillage	Medium	11.62	0	0	1.12	9.6	Temporary land-take = 1.12ha. Temporary works area causing disturbance due to temporary land take, construction activity and damage to soil structure. Construction compound on plot. Temporary easement = 0.33ha, permanent easement = 0.56ha. Temporary severance caused by temporary landtake. No impact on R.O.W.	SL	NS	Note 2	NS	Note 3	NS
31 (29+400)	C	Beef	Medium	7.3	0	0	0.3	4.1	Temporary land-take = 0.3ha. Temporary works area causing disturbance due to temporary land take, construction activity and damage to soil structure. Construction compound on plot. Temporary easement = 0.06ha, permanent easement = 0.05ha. Temporary severance caused by temporary landtake. No impact on R.O.W.	SL	NS	Note 2	NS	Note 3	NS
32 (29+300)	C	Tillage	Medium	15.38	0	0	0.53	3.4	Temporary land-take = 0.53ha. Temporary works area causing disturbance due to temporary land take, construction activity and damage to soil structure. Construction compound on plot. Temporary easement = 0.28ha, permanent easement = 0.17ha. Temporary severance caused by temporary landtake. No impact on R.O.W.	NS	NS	Note 2	NS	Note 3	NS

Ref No. (chainage)	Zone	Land Parcel Type	Sensitivity	Area (ha)	Land take				Impact Description	Construction Phase Effect (see Note 1)		Mitigation	Operational Phase Effect	Mitigation	Residual Effect
					Permanent (ha)	(%)	Temporary (ha)	%		Pre mitigation	Post mitigation		Pre mitigation		Post mitigation
33 (32+200)	C	Grassland / meadow	Medium	3.44	0.34	9.8	0.77	22.4	Temporary land-take = 0.77ha. Temporary works area causing disturbance due to temporary land take, construction activity and damage to soil structure. Permanent land-take = 0.34ha. Permanent reduction in land parcel area = 9.8%. Construction compound on plot. No Easement. No impact on R.O.W.	M	SL	Note 2	M	Note 3	M
34 (32+400)	C	Tillage	Medium	9.26	0	0	0.01	<0.5	Temporary land-take = 0.01ha. Temporary works area causing disturbance due to temporary land take, construction activity and damage to soil structure. Temporary easement = 0.008ha, permanent easement = 0.01ha. No impact on R.O.W.	NS	NS	Note 2	NS	Note 3	NS
35 (32+600)	C	Tillage	Low	7.27	0	0	0.06	0.8	Temporary land-take = 0.06ha. Temporary works area causing disturbance due to temporary land take, construction activity and damage to soil structure. No Easement. Temporary severance caused by temporary landtake. No impact on R.O.W.	NS	NS	Note 2	NS	Note 3	NS
36 (33+800)	C	Tillage	Medium	20.39	0.02	<0.5	0	0	Permanent land-take = 0.02ha. Permanent reduction in land parcel area = <0.5%. No Easement. No impact on R.O.W.	NS	NS	Note 2	NS	Note 3	NS
37 (34+100)	C	Tillage	Medium	22.02	0.001	<0.5	0.86	3.9	Temporary land-take = 0.86ha. Temporary works area causing disturbance due to temporary land take, construction activity and damage to soil structure. Permanent land-take = 0.001ha. Permanent reduction in land parcel area = <0.5%. Construction compound on plot. Temporary easement = 0.38ha, permanent easement = 0.17ha. Temporary severance caused by temporary landtake. No impact on R.O.W.	NS	NS	Note 2	NS	Note 3	NS
38 (34+300)	C	Tillage	Medium	6.54	0	0	0.44	6.7	Temporary land-take = 0.44ha. Temporary works area causing disturbance due to temporary land take, construction activity and damage to soil structure. Construction compound on plot. Temporary easement = 0.17ha, permanent easement = 0.06ha. Temporary severance caused by temporary landtake. No impact on R.O.W.	M	NS	Note 2	NS	Note 3	NS
39 (37+300)	C	Grassland land parcel	Low	10.91	0	0	0.03	<0.5	Temporary land-take = 0.03ha. Temporary works area causing disturbance due to temporary land take, construction activity and damage to soil structure. No Easement. No impact on R.O.W.	NS	NS	Note 2	NS	Note 3	NS
40 (37+800)	C	Tillage	Medium	48.73	1.2	2.5	0.9	1.8	Temporary land-take = 0.9ha. Temporary works area causing disturbance due to temporary land take, construction activity and damage to soil structure. Permanent land-take = 1.2ha. Permanent reduction in land parcel area = 2.5%. Construction compound on plot. No Easement. No impact on R.O.W.	NS	NS	Note 2	NS	Note 3	NS
41 (38+800)	C	Tillage	Medium	13.41	0.01	<0.5	0.24	1.8	Temporary land-take = 0.24ha. Temporary works area causing disturbance due to temporary land take, construction activity and damage to soil structure. Permanent land-take = 0.01ha. Permanent reduction in land parcel area = <0.5%. Temporary easement = 0.19ha, permanent easement = 0.14ha. Temporary severance caused by temporary landtake. No impact on R.O.W.	NS	NS	Note 2	NS	Note 3	NS

Ref No. (chainage)	Zone	Land Parcel Type	Sensitivity	Area (ha)	Land take				Impact Description	Construction Phase Effect (see Note 1)		Mitigation	Operational Phase Effect	Mitigation	Residual Effect
					Permanent (ha)	(%)	Temporary (ha)	%		Pre mitigation	Post mitigation		Pre mitigation		Post mitigation
42 (38+700)	C	Tillage	Medium	15	0	0	0.1	0.7	Temporary land-take = 0.1ha. Temporary works area causing disturbance due to temporary land take, construction activity and damage to soil structure. Permanent easement = 0.03ha. Temporary severance caused by temporary landtake. No impact on R.O.W.	NS	NS	Note 2	NS	Note 3	NS
44 (39+800)	C	Equine	High	43.54	0	0	0.91	2.1	Temporary land-take = 0.91ha. Temporary works area causing disturbance due to temporary land take, construction activity and damage to soil structure. Construction compound on plot. Temporary easement = 0.09ha, permanent easement = 0.08ha. Temporary severance caused by temporary landtake. No impact on R.O.W.	NS	NS	Note 2	NS	Note 3	NS
45 (39+700)	D	Equine (small)	Medium	2.33	0.1	4.3	0.49	21	Temporary land-take = 0.49ha. Temporary works area causing disturbance due to temporary land take, construction activity and damage to soil structure. Permanent land-take = 0.1ha. Permanent reduction in land parcel area = 4.3%. Construction compound on plot. Permanent easement = 0.16ha. No impact on R.O.W.	SL	NS	Note 2	NS	Note 3	NS
46 (42+400)	D	Tillage	Medium	42.26	0.002	<0.5	0.00004	<0.5	Permanent land-take = 0.002ha. Permanent reduction in land parcel area = <0.5%. No Easement. No impact on R.O.W.	NS	NS	Note 2	NS	Note 3	NS
47 (43+000)	D	Tillage & grassland	Medium	123.31	0.1	<0.5	0	0	Permanent land-take = 0.1ha. Permanent reduction in land parcel area = <0.5%. No Easement. No impact on R.O.W.	NS	NS	Note 2	NS	Note 3	NS
48 (44+400)	D	Beef & Tillage	Medium	51.07	0.001	<0.5	0.59	1.2	Temporary land-take = 0.59ha. Temporary works area causing disturbance due to temporary land take, construction activity and damage to soil structure. Permanent land-take = 0.001ha. Permanent reduction in land parcel area = <0.5%. Construction compound on plot. Temporary easement = 0.29ha, permanent easement = 0.15ha. Temporary severance caused by temporary landtake. No impact on R.O.W.	NS	NS	Note 2	NS	Note 3	NS
50 (45+100)	D	Rough grazing	Low	44.14	0	0	0.8	1.8	Temporary land-take = 0.8ha. Temporary works area causing disturbance due to temporary land take, construction activity and damage to soil structure. Construction compound on plot. Temporary easement = 0.34ha, permanent easement = 0.24ha. Temporary severance caused by temporary landtake. No impact on R.O.W.	SL	SL	Note 2	SL	Note 3	SL
53 (47+500)	D	Grassland land parcel	Medium	8.39	0	<0.5	0.04	<0.5	Temporary land-take = 0.04ha. Temporary works area causing disturbance due to temporary land take, construction activity and damage to soil structure. Permanent easement = 0.04ha. No impact on R.O.W.	NS	NS	Note 2	NS	Note 3	NS
54 (47+700)	D	Grassland land parcel	Low	0.16	0	0	0	0	No land-take. Temporary easement = 0.02ha. No impact on R.O.W.	NS	NS	Note 2	NS	Note 3	NS
55 (47+800)	D	Grassland land parcel	Medium	6.6	0	0	0	0	No land-take. Temporary easement = 0.05ha. No impact on R.O.W.	NS	NS	Note 2	NS	Note 3	NS
56 (48+300)	D	Tillage & grassland	Medium	33.64	0	0	0.26	0.8	Temporary land-take = 0.26ha. Temporary works area causing disturbance due to temporary land take, construction activity and damage to soil structure. Temporary easement = 0.35ha, permanent easement = 0.14ha. Temporary severance caused by temporary landtake. No impact on R.O.W.	NS	NS	Note 2	NS	Note 3	NS

Ref No. (chainage)	Zone	Land Parcel Type	Sensitivity	Area (ha)	Land take				Impact Description	Construction Phase Effect (see Note 1)		Mitigation	Operational Phase Effect	Mitigation	Residual Effect
					Permanent (ha)	(%)	Temporary (ha)	%		Pre mitigation	Post mitigation				
57 (48+400)	D	Equine	High	42.5	0.16	<0.5	0	0	Permanent land-take = 0.16ha. Permanent reduction in land parcel area = <0.5%. No Easement. No impact on R.O.W.	NS	NS	Note 2	NS	Note 3	NS
58 (48+800)	D	Tillage	Medium	4.37	0	0	0.001	<0.5	Temporary land-take = 0.001ha. Temporary works area causing disturbance due to temporary land take, construction activity and damage to soil structure. Permanent easement = 0.001ha. No impact on R.O.W.	NS	NS	Note 2	NS	Note 3	NS
59 (48+800)	D	Tillage	Medium	26.19	0	0	0.007	<0.5	Temporary land-take = 0.007ha. Temporary works area causing disturbance due to temporary land take, construction activity and damage to soil structure. Permanent easement = 0.007ha. No impact on R.O.W.	NS	NS	Note 2	NS	Note 3	NS
60 (49+600)	D	Tillage	Medium	39.58	0	0	0.81	2	Temporary land-take = 0.81ha. Temporary works area causing disturbance due to temporary land take, construction activity and damage to soil structure. Construction compound on plot. Temporary easement = 0.24ha, permanent easement = 0.2ha. Temporary severance caused by temporary landtake. No impact on R.O.W.	SL	NS	Note 2	NS	Note 3	NS
61 (50+300)	D	Tillage	Low	28.97	0	0	0.39	1.3	Temporary land-take = 0.39ha. Temporary works area causing disturbance due to temporary land take, construction activity and damage to soil structure. Construction compound on plot. Temporary easement = 0.34ha, permanent easement = 0.16ha. Temporary severance caused by temporary landtake. No impact on R.O.W.	NS	NS	Note 2	NS	Note 3	NS
62 (51+600)	E	Grassland & tillage	Low	15	0	0	0.001	<0.5	Temporary land-take = 0.001ha. Temporary works area causing disturbance due to temporary land take, construction activity and damage to soil structure. Construction compound on plot. Temporary easement = 0.001ha. Temporary severance caused by temporary landtake. No impact on R.O.W.	NS	NS	Note 2	NS	Note 3	NS
65 (29+800)	C	Tillage & grassland	Medium	4.69	0	0	0.003	0.1	Temporary land-take = 0.003ha. Temporary works area causing disturbance due to temporary land take, construction activity and damage to soil structure. Temporary easement = 0.06ha, permanent easement = 0.003ha. No impact on R.O.W.	NS	NS	Note 2	NS	Note 3	NS
66 (30+000)	C	Tillage	Medium	2.03	0	0	0	<0.5	No land-take. Temporary easement = 0.17ha. No impact on R.O.W.	NS	NS	Note 2	NS	Note 3	NS
67 (30+400)	C	Tillage	Medium	3.32	0	0	0.15	4.5	Temporary land-take = 0.15ha. Temporary works area causing disturbance due to temporary land take, construction activity and damage to soil structure. Temporary easement = 0.18ha, permanent easement = 0.1ha. No impact on R.O.W.	NS	NS	Note 2	NS	Note 3	NS
68 (41+700)	C	Grassland	Low	11.92	0	0	0.03	<0.5 %	Temporary land-take = 0.03ha. Temporary works area causing disturbance due to temporary land take, construction activity and damage to soil structure. No Easement. No impact on R.O.W.	NS	NS	Note 2	NS	Note 3	NS
69 (41+700)	C	Grassland	Low	4.59	0	0	0.03	0.7 %	Temporary land-take = 0.03ha. Temporary works area causing disturbance due to temporary land take, construction activity and damage to soil structure. No Easement. No impact on R.O.W.	NS	NS	Note 2	NS	Note 3	NS

Ref No. (chainage)	Zone	Land Parcel Type	Sensitivity	Area (ha)	Land take				Impact Description	Construction Phase Effect (see Note 1)		Mitigation	Operational Phase Effect	Mitigation	Residual Effect
					Permanent (ha)	(%)	Temporary (ha)	%		Pre mitigation	Post mitigation		Pre mitigation		Post mitigation
Note 1: NS = Not Significant SL = Slight Adverse; M = Moderate Adverse; S = Significant Adverse; VS = Very Significant Adverse; P = Profound															
Note 2: Mitigation as specified in Section 16.6.1 of the EIAR															
Note 3: Mitigation as specified in Section 16.6.2 of the EIAR															