

East Meath - North Dublin Grid Upgrade Environmental Impact Assessment Report (EIAR): Volume 3

Appendix A15.1 – Assessment of Agricultural and Equine Land Parcels

EirGrid

March 2024



Contents

Appendix A15.1 Assessment of Agricultural and Equine Land Parcels	1
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Appendix A15.1 Assessment of Agricultural and Equine Land Parcels

Table 1: Assessment of Agricultural and Equine Land Parcels

Ref Number (Approximate Chainage)	Description of Land Parcel	Area of Land Parcel (hectares(ha))	Description of Impacts	Temporary Works Area (ha) (%)	Permanent Easement and Land Take Area (ha) (%)	Construction Phase Impact (Pre-Mitigation)	Construction Phase Residual Impact (Post-Mitigation)	Operational Impact (Pre-Mitigation)	Operational Phase Residual Impact (Post-Mitigation)
1 (300)	Grassland plot grazed by sheep and beef cattle. Medium sensitivity.	61.8	Impact at edge of farm. Permanent 15m wide easement on land. Temporary land take for working area. 1.3ha required for the temporary working area which is 2.1% of the affected land parcel along with 0.6ha of permanent easement which is 1% of the affected land parcel.	1.3 ha (2.1%)	0.6 ha (1%)	Not Significant	Not Significant	Not Significant	Not Significant
2 (750)	Grassland plot grazed by beef cattle. Medium sensitivity.	29.6	Impact at edge of farm. Permanent 15m wide easement on land. Temporary land take required to construct Joint Bay No 1 located on land. 1.1ha required for the temporary working area which is 3.7% of the affected land parcel along with 0.6ha of permanent easement, cover of Joint Bay and 0.15ha for access track which is 1% of the affected land parcel.	1.1 ha (3.7%)	0.6 ha (2%)	Not Significant	Not Significant	Not Significant	Not Significant
3 (1,100)	Grassland plot grazed by sheep and beef cattle. Medium sensitivity.	66.3	Impact at edge of farm. Permanent 15m wide easement on land. Temporary land take required to construct Joint Bay No 2 located on land. 3.3ha required for the temporary working area which is 5% of the affected land parcel along with 2.1ha of permanent easement, cover of Joint Bay and 0.44ha for access tracks which is 3.2% of the affected land parcel.	3.3 ha (5%)	2.1 ha (3.2%)	Not Significant	Not Significant	Slight Adverse	Slight Adverse

East Meath - North Dublin Grid Upgrade
 Environmental Impact Assessment Report (EIAR): Volume 3

Ref Number (Approximate Chainage)	Description of Land Parcel	Area of Land Parcel (hectares(ha))	Description of Impacts	Temporary Works Area (ha) (%)	Permanent Easement and Land Take Area (ha) (%)	Construction Phase Impact (Pre-Mitigation)	Construction Phase Residual Impact (Post-Mitigation)	Operational Impact (Pre-Mitigation)	Operational Phase Residual Impact (Post-Mitigation)
4 (2,200)	Grassland plot grazed by sheep and beef cattle. Medium sensitivity.	74.6	Impact at edge of farm. Permanent 15m wide easement on land. Temporary land take required for Temporary Construction Compound (TCC) (TCC1) and to construct Joint Bays No 3 and 4 located on land. 5.4ha required for the temporary working area which is 7.2% of the affected land parcel along with 2.8ha of permanent easement, cover of Joint Bays and 0.6ha of access tracks which is 3.8% of the affected land parcel. Southern part of the land parcel is severed during the Construction Phase (9ha – 12%).	5.4 ha (7.2%)	2.8 ha (3.8%)	Slight Adverse	Not Significant	Slight Adverse	Slight Adverse
5 (3,750)	Grassland plot for silage and grazed by beef cattle. Medium sensitivity.	24.5	Impact at edge of farm. Temporary land take required for Passing Bay located at Joint Bay No 5. 0.13ha required for the temporary working area which is 0.5% of the affected land parcel.	0.13 ha (0.5%)	-	Not Significant	Not Significant	Not Significant	Not Significant
6 (5,950)	Grassland plot grazed by beef cattle. Medium sensitivity.	12.0	Impact at edge of farm. Temporary land take required for construction platform located at Joint Bay No 8. 0.16ha required for the temporary working area which is 1.3% of the affected land parcel.	0.16 ha (1.3%)	-	Not Significant	Not Significant	Not Significant	Not Significant
7 (7,550)	Grassland plot for hay/silage and grazed by sheep. Medium sensitivity.	2.9	Impact at edge of farm. Temporary land take required for Passing Bay located at Joint Bay No 10. 0.21ha required for the temporary working area which is 7.3% of the affected land parcel.	0.21 ha (7.3%)	-	Slight Adverse	Not Significant	Not Significant	Not Significant
8 (9,800)	Grassland plot for hay/silage. Medium sensitivity.	9.2	Impact at edge of farm. Temporary land take required for construction platform located at Joint Bay No 13. 0.08ha required for the temporary working area which is 0.9% of the affected land parcel.	0.08 ha (0.9%)	-	Not Significant	Not Significant	Not Significant	Not Significant

East Meath - North Dublin Grid Upgrade
 Environmental Impact Assessment Report (EIAR): Volume 3

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9 (10,550)	Grassland plot for hay/silage and grazed by beef cattle. Medium sensitivity.	8.8	Temporary land take required for TCC2. 1.4ha required for the temporary working area which is 15.9% of the affected land parcel. Access to the northern part of land parcel severed by TCC2.	1.4 ha (15.9%)	-	Moderate Adverse	Slight Adverse	Slight Adverse	Slight Adverse
10 (12,550)	Grassland plot grazed by sheep. Medium sensitivity.	3.6	Impact at edge of farm. Permanent 5m wide easement on land. 0.85ha required for the temporary working area and Horizontal Directional Drilling (HDD) compound (M3 Motorway crossing) which is 24% of the affected land parcel along with 0.2ha of permanent easement which is 5.6% of the affected land parcel.	0.85ha (24%)	0.2 ha (5.6%)	Not Significant	Not Significant	Not Significant	Not Significant
11 (13,000)	Grassland plot grazed by beef cattle. Medium sensitivity.	60.4	Impact at edge of farm. Permanent 5m wide easement on land. Temporary land take required to construct Joint Bay No 17 located on land. 0.5ha required for the temporary working area and HDD compound (M3 Motorway crossing) which is 0.8% of the affected land parcel along with 0.12ha of permanent easement, cover of Joint Bay and 0.02ha of access tracks which is 0.2% of the affected land parcel.	0.5 ha (0.8%)	0.12 ha (0.2%)	Not Significant	Not Significant	Not Significant	Not Significant
12 (15,200)	Grassland plot grazed by sheep. Medium sensitivity.	40.0	Impact at edge of farm. Permanent 5m wide easement on land. Temporary land take required to construct Joint Bay No 21 located on land. 0.76ha required for the temporary working area which is 1.9% of the affected land parcel along with 0.2ha of permanent easement, cover of Joint Bay and 0.01ha of access tracks which is 0.5% of the affected land parcel.	0.76 ha (1.9%)	0.2 ha (0.5%)	Slight Adverse	Not Significant	Not Significant	Not Significant

East Meath - North Dublin Grid Upgrade
 Environmental Impact Assessment Report (EIAR): Volume 3

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13 (16,250)	Tillage plot. Medium sensitivity.	33.6	Impact at edge of farm. Permanent 5m wide easement on land. Temporary land take for working area. 0.77ha required for the temporary working area which is 2.3% of the affected land parcel along with 0.1ha of permanent easement which is 0.3% of the affected land parcel. Small area (1%) of land parcel severed by working area during Construction Phase.	0.77 ha (2.3%)	0.1 ha (0.3%)	Slight Adverse	Not Significant	Not Significant	Not Significant
14 (16,450)	Tillage plot. Medium sensitivity.	104.0	Impact at edge of farm. Permanent 5m wide easement on land. Temporary land take for working area. 0.26ha required for the temporary working area which is 0.2% of the affected land parcel along with 0.04ha of permanent easement which is 0.04% of the affected land parcel.	0.26 ha (0.2%)	0.04 ha (0.04%)	Not Significant	Not Significant	Not Significant	Not Significant
15 (18,150)	Tillage plot. Medium sensitivity.	129.5	Impact at edge of farm. Permanent 5m wide easement on land. Temporary land take required to construct Joint Bay No 24 and 25 located in road. 0.95ha required for the temporary working area and two Passing Bays which is 0.7% of the affected land parcel along with 0.1ha of permanent easement and cover of Joint Bays which is 0.08% of the affected land parcel. Small area (<1% of land parcel) severed by working area during the Construction Phase.	0.95 ha (0.7%)	0.1 ha (0.08%)	Not Significant	Not Significant	Not Significant	Not Significant
16 (18,200)	Tillage plot. Medium sensitivity.	28.9	Impact at edge of farm. Permanent 5m wide easement on land. Temporary land take for working area. 0.46ha required for the temporary working area which is 1.6% of the affected land parcel along with 0.1ha of permanent easement which is 0.3% of the affected land parcel.	0.46 ha (1.6%)	0.1 ha (0.3%)	Not Significant	Not Significant	Not Significant	Not Significant

East Meath - North Dublin Grid Upgrade
 Environmental Impact Assessment Report (EIAR): Volume 3

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17 (19,750)	Tillage plot. Medium sensitivity.	5.2	Impact at edge of farm. Temporary land take required for construction platform located at Joint Bay No 26. 0.12ha required for the temporary working area which is 2.3% of the affected land parcel along with 0.02ha of permanent easement which is 0.4% of the affected land parcel.	0.12 ha (2.3%)	0.02 ha (0.4%)	Not Significant	Not Significant	Not Significant	Not Significant
18 (20,350)	Tillage plot. Medium sensitivity.	7.3	Impact at edge of farm. Permanent 5m wide easement on land. Temporary land take for working area. 0.11ha required for the temporary working area which is 1.5% of the affected land parcel along with 0.02ha of permanent easement which is 0.3% of the affected land parcel.	0.11 ha (1.5%)	0.02 ha (0.3%)	Not Significant	Not Significant	Not Significant	Not Significant
19 (20,550)	Grassland plot grazed by beef cattle. Medium sensitivity.	9.0	Impact at edge of farm. Permanent 5m wide easement on land. 0.16ha required for the temporary working area, including Passing Bay at Joint Bay No 27, which is 1.8% of the affected land parcel along with 0.02ha of permanent easement which is 0.2% of the affected land parcel.	0.16 ha (1.8%)	0.02 ha (0.2%)	Not Significant	Not Significant	Not Significant	Not Significant
20 (20,900)	Tillage plot. Medium sensitivity.	78.6	Impact at edge of farm. Permanent 5m wide easement on land. Temporary land take required to construct Joint Bay No 28 and 29 located on land. 2ha required for the temporary working area which is 2.5% of the affected land parcel along with 0.4ha of permanent easement, cover of Joint Bay and 0.1ha of access tracks which is 0.5% of the affected land parcel. 9.5ha field severed during the Construction Phase (12% of land parcel).	2 ha (2.5%)	0.4 ha (0.5%)	Slight Adverse	Not Significant	Not Significant	Not Significant
21 (21,600)	Scrub. Low sensitivity.	2.2	Land parcel used for TCC3. Permanent 5m wide easement on land. 2.2ha required for the temporary working area which is 100% of the affected land parcel along with 0.1ha of permanent easement which is 4.6% of the affected land parcel.	2.2 ha (100%)	0.1 ha (4.6%)	Slight Adverse	Slight Adverse	Slight Adverse	Slight Adverse

East Meath - North Dublin Grid Upgrade
 Environmental Impact Assessment Report (EIAR): Volume 3

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22 (22,150)	Grassland plot grazed by beef cattle and horses. High sensitivity.	16.5	Impact at edge of farm. Permanent 5m wide easement on land. Temporary land take required to construct Joint Bay No 30 located on land. 1.5ha required for the temporary working area which is 6.8% of the affected land parcel along with 0.4ha of permanent easement, cover of Joint Bay and access track which is 2.4% of the affected land parcel.	1.5 ha (9.1%)	0.4 ha (2.4%)	Slight Adverse	Slight Adverse	Slight Adverse	Slight Adverse
23 (23,200)	Tillage plot. Medium sensitivity.	97.4	Impact at edge of farm. Permanent 5m wide easement on land. Temporary land take required to construct Joint Bay No 31 located on land. 0.5ha required for the temporary working area and HDD compound (M2 Crossing) which is 0.5% of the affected land parcel along with 0.1ha of permanent easement, cover of Joint Bay and 0.02ha of access tracks which is 0.1% of the affected land parcel.	0.5 ha (0.5%)	0.12 ha (0.1%)	Not Significant	Not Significant	Not Significant	Not Significant
24 (23,550)	Tillage plot. Medium sensitivity.	30.2	Impact at edge of farm. Permanent 5m wide easement on land. Temporary land take required for HDD compound (M2 Crossing). 0.8ha required for the temporary working area which is 2.6% of the affected land parcel along with 0.2ha of permanent easement which is 0.7% of the affected land parcel.	0.8 ha (2.6%)	0.2 ha (0.7%)	Slight Adverse	Not Significant	Not Significant	Not Significant
25 (24,800)	Tillage plot. Medium sensitivity.	12.8	Impact at edge of farm. Temporary land take required for passing bay located at Joint Bay No 33. 0.14ha required for the temporary working area which is 1.1% of the affected land parcel.	0.14 ha (1.1%)	-	Not Significant	Not Significant	Not Significant	Not Significant
26 (25,800)	Grassland plot grazed by beef cattle. Medium sensitivity.	5.1	Impact at edge of farm. Temporary land take required for passing bay located at Joint Bay No 34. 0.14ha required for the temporary working area which is 2.7% of the affected land parcel.	0.14 ha (2.7%)	-	Slight Adverse	Not Significant	Not Significant	Not Significant

East Meath - North Dublin Grid Upgrade
 Environmental Impact Assessment Report (EIAR): Volume 3

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27 (26,050)	Tillage plot. Medium sensitivity.	75.9	Impact at edge of farm. Permanent 5m wide easement on land. Temporary land take required for TCC4. 1.6ha required for the temporary working area which is 2.1% of the affected land parcel along with 0.05ha of permanent easement which is 0.07% of the affected land parcel.	1.6 ha (2.1%)	0.05 ha (0.07%)	Not Significant	Not Significant	Not Significant	Not Significant
28 (26,250)	Grassland plot grazed by beef cattle. Medium sensitivity.	20.3	Impact at edge of farm. Temporary land take required for Passing Bay located at Joint Bay No 35. 0.19ha required for the temporary working area which is 0.9% of the affected land parcel.	0.19 ha (0.9%)	-	Not Significant	Not Significant	Not Significant	Not Significant
29 (27,750)	Dairy farm. High sensitivity.	11.8	Impact at edge of farm. Temporary land take required for construction platform located at Joint Bay No 37. 0.1ha required for the temporary working area which is 0.7% of the affected land parcel.	0.1 ha (0.8%)	-	Not Significant	Not Significant	Not Significant	Not Significant
30 (32,400)	Rough grazing. Low sensitivity.	2.4	Impact at edge of farm. Temporary land take required for passing bay located at Joint Bay No 43. 0.14ha required for the temporary working area which is 5.8% of the affected land parcel.	0.14 ha (5.8%)	-	Not Significant	Not Significant	Not Significant	Not Significant
31 (33,900)	Grassland plot grazed by horses. Low - Medium sensitivity. (daa land).	14.1	Impact at edge of farm. Permanent 30m wide easement on land. Temporary land take required for HDD compound (M1 Crossing). Passing Bay required for Joint Bay No 45 located in-road. 2ha required for the temporary working area which is 14.1% of the affected land parcel along with 0.2ha of permanent easement which is 1.4% of the affected land parcel.	2 ha (14.1%)	0.9 ha (6.4%)	Not Significant	Not Significant	Not Significant	Not Significant
32 (34,400)	Grassland plot grazed by horses. Low - Medium sensitivity. (daa land).	7.9	Impact at edge of farm. Temporary land take for working area. 1.1ha required for the temporary working area which is 13.9% of the affected land parcel.	1.1 ha (13.9%)	-	Slight Adverse	Not Significant	Not Significant	Not Significant

East Meath - North Dublin Grid Upgrade
Environmental Impact Assessment Report (EIAR): Volume 3

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33 (34,550)	Grassland plot grazed by beef cattle and horses. Medium sensitivity.	22.5	Impact will cause a high level of disturbance during Construction Phase. Farmyard will be separated from retained lands. Temporary land take required for TCC5 and to construct Joint Bay No 46 located on land. 5.5ha required for the temporary working area and HDD compound (M1 Motorway Crossing) which is 24.5% of the affected land parcel along with 0.4ha of permanent easement, cover of Joint Bay and 0.1ha of access tracks which is 2.2% of the affected land parcel. Access from yard to the remainder of the land parcel is severed by compound.	5.5 ha (24.5%)	2.1 ha (9.3%)	Significant Adverse	Moderate Adverse (impact reduced by allowing continuous access from farmyard)	Moderate Adverse	Moderate Adverse
34 (35,250)	Tillage plot. Medium sensitivity.	28.2	Farm will be severed by the working area during Construction Phase. Permanent 30m wide easement on land. Temporary land take required to construct Joint Bay No 47 located on land. 1.6ha required for the temporary working area which is 5.7% of the affected land parcel along with 0.1ha of permanent easement, cover of Joint Bay and access track which is 0.4% of the affected land parcel. 3ha severed by working area during construction.	1.6 ha (5.7%)	0.8 ha (2.8%)	Slight Adverse	Not Significant	Not Significant	Not Significant
35 (35,500)	Tillage plot. Medium sensitivity.	7.3	Impact at edge of farm. Permanent 30m wide easement on land. Temporary land take for working area. 2.15ha required for the temporary working area which is 29.6% of the affected land parcel along with 0.2ha of permanent easement which is 2.8% of the affected land parcel.	2.15 ha (29.6%)	1 ha (13.8%)	Moderate Adverse	Slight Adverse	Slight Adverse	Slight Adverse
36 (35,850)	Tillage plot. Medium sensitivity.	8.3	Impact at edge of farm. Permanent 30m wide easement on land. Temporary land take for working area. 1.3ha required for the temporary working area which is 15.6% of the affected land parcel along with 0.1ha of permanent easement which is 1.2% of the affected land parcel. Access to plot severed by working area during Construction Phase.	1.3 ha (15.6%)	0.6 ha (7.2%)	Moderate Adverse	Not Significant	Not Significant	Not Significant

East Meath - North Dublin Grid Upgrade
 Environmental Impact Assessment Report (EIAR): Volume 3

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37 (36,000)	Tillage plot. Medium sensitivity.	11.9	Impact at edge of farm. Permanent 30m wide easement on land. Temporary land take required to construct Joint Bay No 48 located on land. 3.3ha required for the temporary working area which is 27.7% of the affected land parcel along with 0.3ha of permanent easement, cover of Joint Bay and 0.12ha of access tracks which is 3.5% of the affected land parcel Access to land is severed by working area during Construction Phase.	3.3 ha (27.7%)	1.8 ha (15.1%)	Moderate Adverse	Slight Adverse	Slight Adverse	Slight Adverse
38 (38,650)	Tillage plot. Medium sensitivity.	59.6	Farm will be severed by the working area during Construction Phase. Permanent 30m wide easement on land. Temporary land take for working area. 1.6ha required for the temporary working area which is 2.7% of the affected land parcel along with 0.1ha of permanent easement which is 0.2% of the affected land parcel. Access to land and farmyard is severed by working area during Construction Phase.	1.6 ha (2.7%)	0.8 ha (1.3%)	Moderate Adverse	Not Significant	Not Significant	Not Significant
39 (36,900)	Tillage plot. Medium sensitivity.	22.2	Farm will be severed by the working area during Construction Phase. Permanent 30m wide easement on land. Temporary land take required to construct Joint Bay No 49 located on land. 1ha required for the temporary working area which is 4.5% of the affected land parcel along with 0.1ha of permanent easement, cover of Joint Bay and 0.05ha of access tracks which is 0.7% of the affected land parcel. Access to land is severed by working area during Construction Phase.	1 ha (4.5%)	0.5 ha (2.3%)	Slight Adverse	Not Significant	Not Significant	Not Significant

East Meath - North Dublin Grid Upgrade
 Environmental Impact Assessment Report (EIAR): Volume 3

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40 (37,100)	Tillage and grassland (IDA land). Low sensitivity because land designated for industrial use.	30.9	Farm will be severed by the working area during Construction Phase. Permanent 30m wide easement on land. 11.5ha required for the temporary working area and construction compound (TCC6) which is 37.3% of the affected land parcel. 0.3ha of permanent easement and 0.15ha of access tracks which is 1.5% of the affected land parcel. Access to land is severed by working area during Construction Phase.	11.5 ha (37.3%)	1.9 ha (6.2%)	Moderate Adverse	Moderate Adverse	Moderate Adverse	Moderate Adverse