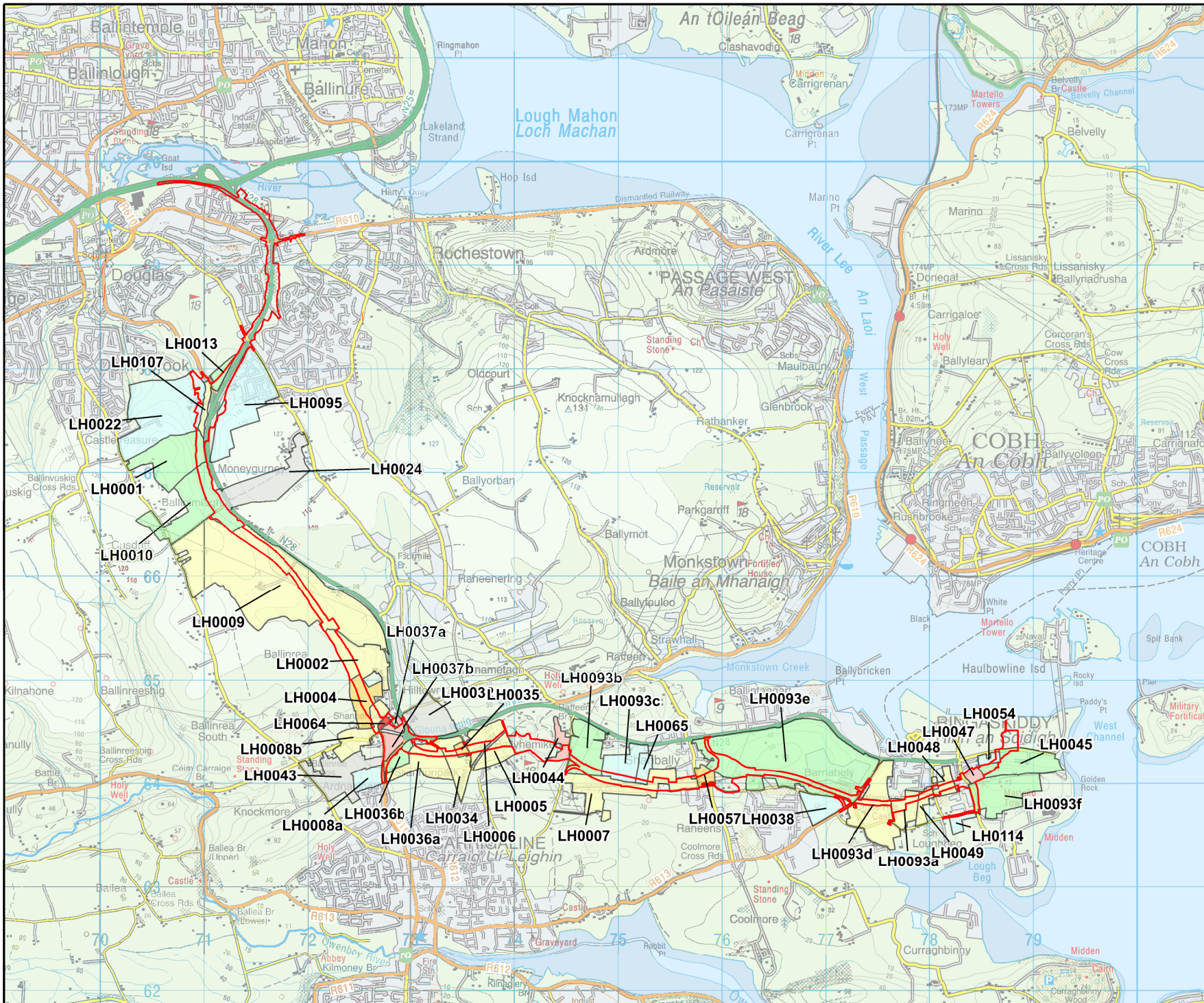




APPENDIX 8A: INDIVIDUAL ASSESSMENTS



LEGEND

- Residual Impact**
- Profound
 - Very significant effects
 - Significant effects
 - Moderate effects
 - Slight effects
 - Not significant
 - Imperceptible
 - CPO Line



Project **M28 CORK TO RINGASKIDDY PROJECT**

Title **Agricultural Impact**

Appendix 8A: Individual Assessment



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| Issue Details | |
|----------------------|---------------------|
| Drawn: S. Khan | Project No. MCT0597 |
| Checked: C. Wilson | File Ref. |
| Approved: C. Wilson | MCT0597/M0116F01 |
| Scale: 1:50,000 @ A4 | Map Projection: |
| Date: 12/05/2017 | Irish National Grid |

Notes

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- All levels are referred to Ordnance Datum, Malin Head.
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| ID | Impacted | Type | Enterprise | Crop Type | Impact | Area Acquired (ha) | Area Severed (ha) | Land Quality | IFS Soil Database | Accomodation Works | Residual Impact |
|--------|----------|-------------|------------|-----------|--------------------------|--------------------|-------------------|--------------|---------------------------------------|---------------------|---------------------|
| LH0001 | Yes | Agriculture | Mixed | Mixed | Slight effects | 2.369 | 0.000 | Good | (AminDW) Deep well drained mineral | None | Slight effects |
| LH0002 | Yes | Agriculture | Mixed | Mixed | Significant effects | 3.988 | 0.712 | Medium_Good | (AminDW) Deep well drained mineral | None | Moderate effects |
| LH0004 | Yes | Agriculture | Mixed | Mixed | Very significant effects | 3.179 | 4.349 | Medium_Good | (AminDW) Deep well drained mineral | Access and services | Significant effects |
| LH0005 | Yes | Agriculture | Tillage | Potatoes | Significant effects | 1.654 | 0.000 | Medium_Good | (AminDW) Deep well drained mineral | Access and services | Moderate effects |
| LH0006 | Yes | Agriculture | Drystock | Grass | Significant effects | 1.539 | 4.356 | Good | (AminDW) Deep well drained mineral | Access and services | Moderate effects |

| ID | Impacted | Type | Enterprise | Crop Type | Impact | Area Acquired (ha) | Area Severed (ha) | Land Quality | IFS Soil Database | Accommodation Works | Residual Impact |
|---------|----------|-------------|------------|-----------|---------------------|--------------------|-------------------|--------------|------------------------------------|-------------------------------------|------------------|
| LH0007 | Yes | Agriculture | Drystock | Grass | Significant effects | 5.226 | 4.093 | Good | (AminDW) Deep well drained mineral | Access and services | Moderate effects |
| LH0008a | Yes | Agriculture | Mixed | Mixed | Slight effects | 0.268 | 0.000 | Good | (AminDW) Deep well drained mineral | Access and services | Not significant |
| LH0008b | Yes | Agriculture | Mixed | Mixed | Moderate effects | 1.696 | 1.582 | Good | (AminDW) Deep well drained mineral | Access and services | Moderate effects |
| LH0009 | Yes | Agriculture | Mixed | Mixed | Significant effects | 8.552 | 30.552 | Good | (AminDW) Deep well drained mineral | Access road, underpass and services | Moderate effects |
| LH0010 | Yes | Agriculture | Drystock | Grass | Moderate effects | 8.935 | 0.000 | Good | (AminDW) Deep well drained mineral | None | Slight effects |

| ID | Impacted | Type | Enterprise | Crop Type | Impact | Area Acquired (ha) | Area Severed (ha) | Land Quality | IFS Soil Database | Accomodation Works | Residual Impact |
|--------|----------|------------------|------------|-----------|---------------------|--------------------|-------------------|--------------|------------------------------------|---------------------|------------------|
| LH0013 | Yes | Golf/Agriculture | Drystock | Grass | Moderate effects | 1.449 | 0.000 | Good | (AminDW) Deep well drained mineral | None | Slight effects |
| LH0022 | Yes | Agriculture | Drystock | Grass | Not significant | 0.993 | 0.000 | Medium_Good | (AminDW) Deep well drained mineral | None | Not significant |
| LH0024 | Yes | Agriculture | Dairy | Grass | Not significant | 0.033 | 0.000 | Medium | (AminDW) Deep well drained mineral | None | Imperceptible |
| LH0032 | Yes | Agriculture | Dairy | Grass | Not significant | 0.024 | 0.000 | Good | (AminDW) Deep well drained mineral | None | Imperceptible |
| LH0034 | Yes | Agriculture | Mixed | Mixed | Significant effects | 0.494 | 2.636 | Medium_Good | (AminDW) Deep well drained mineral | Access and services | Moderate effects |

| ID | Impacted | Type | Enterprise | Crop Type | Impact | Area Acquired (ha) | Area Severed (ha) | Land Quality | IFS Soil Database | Accomodation Works | Residual Impact |
|---------|----------|-------------|------------|-----------|--------------------------|--------------------|-------------------|--------------|------------------------------------|---------------------|--------------------------|
| LH0035 | Yes | Agriculture | Drystock | Grass | Very significant effects | 0.630 | 0.543 | Good | (AminDW) Deep well drained mineral | Access and services | Significant effects |
| LH0036a | Yes | Agriculture | Mixed | Mixed | Moderate effects | 1.735 | 1.328 | Medium_Good | (AminDW) Deep well drained mineral | Access and services | Moderate effects |
| LH0036b | Yes | Agriculture | Drystock | Grass | Slight effects | 0.920 | 0.000 | Medium_Good | (AminDW) Deep well drained mineral | None | Slight effects |
| LH0037a | Yes | Agriculture | Drystock | Grass | Significant effects | 0.037 | 0.000 | Medium | (AminDW) Deep well drained mineral | None | Slight effects |
| LH0037b | Yes | Agriculture | Drystock | Grass | Very significant effects | 4.211 | 0.000 | Medium | (AminDW) Deep well drained mineral | None | Very significant effects |

| ID | Impacted | Type | Enterprise | Crop Type | Impact | Area Acquired (ha) | Area Severed (ha) | Land Quality | IFS Soil Database | Accomodation Works | Residual Impact |
|--------|----------|---------------------|------------|-----------|--------------------------|--------------------|-------------------|--------------|------------------------------------------|---------------------|--------------------------|
| LH0038 | Yes | Agriculture | Tillage | Cereals | Not significant | 0.345 | 0.259 | Good | (AminDW) Deep well drained mineral | Access and services | Not significant |
| LH004 | Yes | Quarry/Agri culture | Tillage | Maize | Very significant effects | 14.566 | 0.000 | Medium/good | (AminDW) Deep well drained mineral | None | Very significant effects |
| LH0043 | Yes | Agriculture | Mixed | Mixed | Not significant | 0.035 | 0.000 | Good | (AminDW) Deep well drained mineral | None | Imperceptible |
| LH0045 | Yes | Agriculture | Drystock | Grass | Slight effects | 1.970 | 0.000 | Medium/Good | (AminSW) Shallow well drained mineral | Access and services | Slight effects |
| LH0047 | Yes | Agriculture | Tillage | Cereals | Very significant effects | 1.065 | 0.935 | Good | (AminDW) Deep well drained mineral | Access and services | Very significant effects |

| ID | Impacted | Type | Enterprise | Crop Type | Impact | Area Acquired (ha) | Area Severed (ha) | Land Quality | IFS Soil Database | Accomodation Works | Residual Impact |
|--------|----------|-------------|------------|-----------|--------------------------|--------------------|-------------------|--------------|------------------------------------|---------------------|---------------------|
| LH0048 | Yes | Agriculture | Drystock | Grass | Significant effects | 0.920 | 1.235 | Good | (AminDW) Deep well drained mineral | Access and services | Moderate effects |
| LH0049 | Yes | Agriculture | Drystock | Grass | Moderate effects | 0.563 | 0.317 | Good | (AminDW) Deep well drained mineral | Access and services | Moderate effects |
| LH0054 | Yes | Agriculture | Tillage | Cereals | Slight effects | 0.350 | 0.000 | Medium_Good | (AminDW) Deep well drained mineral | None | Not significant |
| LH0057 | Yes | Agriculture | Drystock | Grass | Very significant effects | 1.578 | 0.249 | Medium_Good | (AminDW) Deep well drained mineral | Access and services | Significant effects |
| LH0064 | Yes | Agriculture | Drystock | Grass | Very significant effects | 0.529 | 0.000 | Good | (AminDW) Deep well drained mineral | None | Significant effects |

| ID | Impacted | Type | Enterprise | Crop Type | Impact | Area Acquired (ha) | Area Severed (ha) | Land Quality | IFS Soil Database | Accomodation Works | Residual Impact |
|---------|----------|-------------|------------|-----------|---------------------|--------------------|-------------------|--------------|---------------------------------------|---------------------|------------------|
| LH0065 | Yes | Agriculture | Drystock | Grass | Slight effects | 0.372 | 0.000 | Good | (AminDW) Deep well drained mineral | None | Not significant |
| LH0093a | Yes | Agriculture | Dairy | Grass | Significant effects | 0.993 | 4.644 | Good | (AminDW) Deep well drained mineral | Access and services | Moderate effects |
| LH0093b | Yes | Agriculture | Tillage | Cereals | Moderate effects | 2.325 | 1.217 | Good | (AminDW) Deep well drained mineral | Access and services | Slight effects |
| LH0093c | Yes | Agriculture | Drystock | Grass | Not significant | 1.412 | 0.000 | Good | (AminDW) Deep well drained mineral | None | Not significant |
| LH0093d | Yes | Agriculture | Mixed | Cereals | Moderate effects | 1.314 | 0.000 | Good | (AminDW) Deep well drained mineral | Access and services | Moderate effects |

| ID | Impacted | Type | Enterprise | Crop Type | Impact | Area Acquired (ha) | Area Severed (ha) | Land Quality | IFS Soil Database | Accomodation Works | Residual Impact |
|---------|----------|------------------------|------------|-----------|------------------|--------------------|-------------------|--------------|------------------------------------|---------------------|------------------|
| LH0093e | Yes | Industrial_Agriculture | Mixed | Mixed | Moderate effects | 10.214 | 9.505 | Good | (AminDW) Deep well drained mineral | Access and services | Slight effects |
| LH0093f | Yes | Agriculture | Mixed | Mixed | Slight effects | 1.174 | 0.000 | Good | (AminDW) Deep well drained mineral | Access and services | Slight effects |
| LH0095 | Yes | Agriculture | Drystock | Grass | Not Significant | 0.725 | 0.000 | Good | (AminDW) Deep well drained mineral | None | Not Significant |
| LH0107 | Yes | Agriculture | Drystock | Grass | Moderate effects | 2.885 | 0.000 | Medium_Good | (AminDW) Deep well drained mineral | None | Moderate effects |
| LH0114 | Yes | Agriculture | Drystock | Grass | Slight effects | 0.280 | 2.407 | Good | (AminDW) Deep well drained mineral | Access and services | Not significant |