

TIER 2

ENVIRONMENTAL RISK ASSESSMENT

APPENDICES

Prepared By:

Traynor Environmental Ltd
Belturbet Business Park,
Creeny
Belturbet
Co. Cavan

In Association With

Waste Management Section
Cavan County Council
Farnham Street
Cavan
Co. Cavan



TIER 2

ENVIRONMENTAL RISK ASSESSMENT

APPENDIX A

TRIAL HOLE LOGS

*For inspection purposes only.
Consent of copyright owner required for any other use.*



| | | |
|---|---|---|
|  | Traynor Environmental Ltd Unit 6, Belturbet Business Park Creeny Belturbet Co. Cavan | Trial Pit Number 1 |
| | | National Grid Reference E260582 N313556 |

| | |
|--|---------------------------------------|
| Project Cootehill Historic Landfill located at Pottleboy, Cootehill, Co. Cavan | Client Cavan County Council |
|--|---------------------------------------|

| | |
|---|---|
| Method 12 Ton Track Excavator | Excavation Date 22 nd October 2014 |
|---|---|

| Description | Legend | Depth | Waste Material : Soil | Waste Material : Soil Notes |
|--|--------|-------|-----------------------|---|
| Silt/Clay Brown Colour with common rootlets intermixed with pebbles. | | 0.30m | 0%:100% | The top 0.00m to 0.30m of the trial hole does not have any waste present. It appears to be a thin layer of topsoil used to cap over layer of waste. |
| Clay intermixed with plastics, fabrics, metals, glass, Light Brown colour | | 2.10m | 30%:70% | Between the depths 0.30m to 2.10m of the trial hole contains a small quantity of waste: containing plastic, paper, cardboard, fabrics, wood and some construction and demolition waste. Waste layer ends at 2.10m BGL. |
| Shale rock | | 2.20m | 0%:100% | The base of trial hole contains Shale rock at 2.2m BGL. |

Trial Hole completed at 2.20m BGL

Trial Hole Photographs

| <u>Photograph 1</u> | <u>Photograph 2</u> | <u>Photograph 3</u> |
|---|--|---|
|  |  |  |

European Waste Code Classification

| Waste Type | EWC Code | Present | Waste Type | EWC Code | Present |
|-------------------------|----------|---------|----------------------|----------|---------|
| Plastics | 200139 | Yes | End of life tyres | 160103 | No |
| Paper and Cardboard | 200101 | Yes | End of life vehicle | 160104 | No |
| Wooden packaging | 200138 | Yes | Oil Filter | 160107 | No |
| Glass Packaging | 200102 | Yes | Ferrous Metal | 160117 | No |
| textiles | 200111 | Yes | Non Ferrous Metal | 160118 | No |
| Construction/Demolition | 170101 | Yes | Waste containing oil | 160708 | No |
| Asbestos | 170601 | No | Synthetic Oil | 130206 | No |

| | | |
|---|---|---|
|  | Traynor Environmental Ltd Unit 6, Belturbet Business Park Creeny Belturbet Co. Cavan | Trial Pit Number 2 |
| | | National Grid Reference E260594 N313570 |

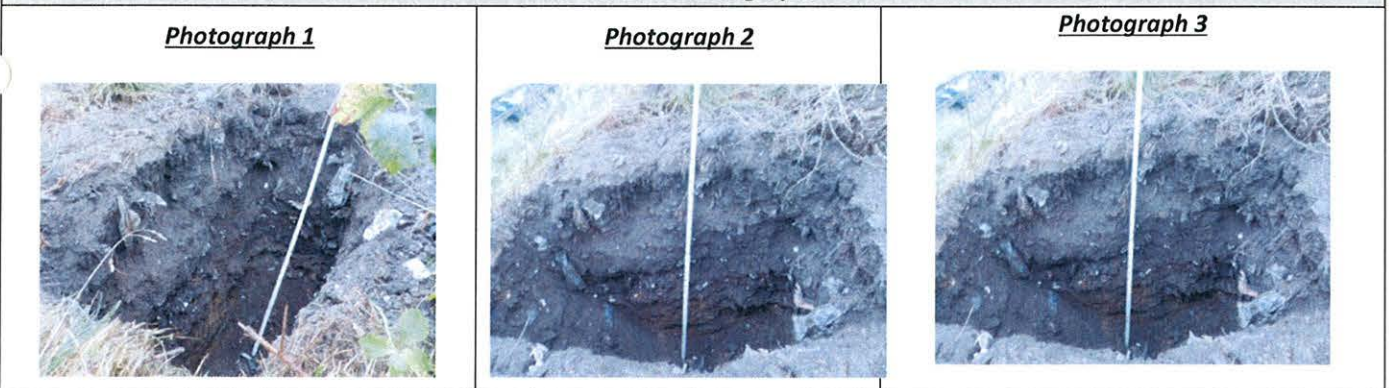
| | |
|--|---------------------------------------|
| Project Cootehill Historic Landfill located at Pottleboy, Cootehill, Co. Cavan | Client Cavan County Council |
|--|---------------------------------------|

| | |
|---|---|
| Method 12 Ton Track Excavator | Excavation Date 22 nd October 2014 |
|---|---|

| Description | Legend | Depth | Waste Material : Soil | Waste Material : Soil Notes |
|--|--------|-------|-----------------------|---|
| Silt/Clay Brown Colour with common rootlets intermixed with pebbles. | | 0.30m | 0%:100% | The top 0.00m to 0.30m of the trial hole does not have any waste present. It appears to be a thin layer of topsoil used to cap over layer of waste. |
| Clay intermixed with plastics, fabrics, metals, glass, metal, paper and cardboard. Light Brown colour | | 2.00m | 40%:60% | 0.30m to 2.00m of the trial hole contains a mixed waste layer containing; plastic, paper, cardboard, fabrics, wood, metals and some construction and demolition waste. Waste layer ends at 2.00m BGL |
| CLAY | | 3.10m | 0%:100% | . 2.00m to 3.10m of the trial hole contains natural ground consisting of CLAY intermixed with stone. |

Trial Hole completed at 3.10m BGL

Trial Hole Photographs



| European Waste Code Classification | | | | | |
|------------------------------------|----------|---------|----------------------|----------|---------|
| Waste Type | EWC Code | Present | Waste Type | EWC Code | Present |
| Plastics | 200139 | Yes | End of life tyres | 160103 | No |
| Paper and Cardboard | 200101 | Yes | End of life vehicle | 160104 | No |
| Wooden packaging | 200138 | Yes | Oil Filter | 160107 | No |
| Glass Packaging | 200102 | Yes | Ferrous Metal | 160117 | Yes |
| Textiles | 200111 | Yes | Non Ferrous Metal | 160118 | Yes |
| Construction/Demolition | 170101 | Yes | Waste containing oil | 160708 | No |
| Asbestos | 170601 | No | Synthetic Oil | 130206 | No |

| | | |
|---|---|--|
|  | Traynor Environmental Ltd Unit 6, Belturbet Business Park Creeny Belturbet Co. Cavan | Trial Pit Number 3 |
| | | National Grid Reference E260660, N213561 |




| | |
|--|---------------------------------------|
| Project Cootehill Historic Landfill located at Pottleboy, Cootehill, Co. Cavan | Client Cavan County Council |
|--|---------------------------------------|

| | |
|---|---|
| Method 12 Ton Track Excavator | Excavation Date 22 nd October 2014 |
|---|---|





| Description | Legend | Depth | Waste Material : Soil | Waste Material : Soil Notes |
|---|--------|-------|-----------------------|--|
| Silt/Clay Brown Colour with common rootlets intermixed with pebbles. | | 0.20m | 0%:100% | The top 0.00m to 0.20m of the trial hole does not have any waste present. It appears to be a thin layer of topsoil used to cap over layer of waste. |
| Clay intermixed with plastics, fabrics, metals, glass, metal, construction and demolition waste. Dark Brown colour | | 1.00m | 20%:80% | 0.20m to 1.00m of the trial hole contains a mixed waste layer, containing; plastic, paper, cardboard, fabrics, wood, metals and some construction and demolition waste. Waste layer ends at 1.00m BGL |
| Sandy CLAY intermixed with stone. | | 2.20m | 0%:100% | . 1.00m to 2.20m of the trial hole contains natural ground consisting of Sandy CLAY intermixed with rock. |

Trial Hole completed at 2.20m BGL

Trial Hole Photographs

| | | |
|--|--|--|
| Photograph 1  | Photograph 2  | Photograph 3  |
|--|--|--|

| European Waste Code Classification | | | | | |
|------------------------------------|--------|---------|----------------------|--------|---------|
| Waste Type | EWCode | Present | Waste Type | EWCode | Present |
| Plastics | 200139 | Yes | End of life tyres | 160103 | No |
| Paper and Cardboard | 200101 | No | End of life vehicle | 160104 | No |
| Wooden packaging | 200138 | Yes | Oil Filter | 160107 | No |
| Glass Packaging | 200102 | Yes | Ferrous Metal | 160117 | Yes |
| Textiles | 200111 | Yes | Non Ferrous Metal | 160118 | Yes |
| Construction/Demolition | 170101 | Yes | Waste containing oil | 160708 | No |
| Asbestos | 170601 | No | Synthetic Oil | 130206 | No |

| | | | | | |
|---|--|---|-----------------|---|---|
|  | | Traynor Environmental Ltd Unit 6, Belturbet Business Park Creeny Belturbet Co. Cavan | | Trial Pit Number 4 | |
| Project Cootehill Historic Landfill located at Pottleboy, Cootehill, Co. Cavan | | National Grid Reference E260593, N213555 | | | |
| Method 12 Ton Track Excavator | | Start Date 22 nd October 2014 | | | |
| Description | | Legend | Depth | Waste Material : Soil | Waste Material : Soil Notes |
| Silt/Clay Brown Colour with common rootlets intermixed with pebbles. | | | 0.20m | 0%:100% | The top 0.00m to 0.20m of the trial hole does not have any waste present. It appears to be a thin layer of topsoil used to cap over layer of waste. |
| Clay heavily intermixed with plastics, fabrics, metals, glass, metal, construction and demolition waste. Dark Brown colour | | | 3.00m | 90%:10% | 0.20m to 3.00m of the trial hole contains a mixed waste layer containing; plastic, paper, cardboard, fabrics, wood, metals and some construction and demolition waste. Waste layer ends at 3.00m BGL |
| CLAY | | | 4.00m | 0%:100% | . 3.00m to 4.00m of the trial hole contains natural ground consisting of CLAY intermixed with stone. |
| Trial Hole completed at 4.00m BGL | | | | | |
| Trial Hole Photographs | | | | | |
| Photograph 1 | | Photograph 2 | | Photograph 3 | |
|  | |  | |  | |
| European Waste Code Classification | | | | | |
| Waste Type | | EWC Code | Present | Waste Type | |
| EWC Code | | Present | EWC Code | Present | |
| Plastics | | 200139 | Yes | End of life tyres | |
| Paper and Cardboard | | 200101 | Yes | End of life vehicle | |
| Wooden packaging | | 200138 | Yes | Oil Filter | |
| Glass Packaging | | 200102 | Yes | Ferrous Metal | |
| Textiles | | 200111 | Yes | Non Ferrous Metal | |
| Construction/Demolition | | 170101 | Yes | Waste containing oil | |
| Asbestos | | 170601 | No | Synthetic Oil | |
| | | | | | |

| | | |
|---|---|--|
|  | Traynor Environmental Ltd Unit 6, Belturbet Business Park Creeny Belturbet Co. Cavan | Trial Pit Number 5 |
| | | National Grid Reference E260591, N313562 |




| | |
|--|---------------------------------------|
| Project Cootehill Historic Landfill located at Pottleboy, Cootehill, Co. Cavan | Client Cavan County Council |
|--|---------------------------------------|

| | |
|---|--|
| Method 12 Ton Track Excavator | Start Date 22 nd October 2014 |
|---|--|

| Description | Legend | Depth | Waste Material : Soil | Waste Material : Soil Notes |
|---|--------|-------|-----------------------|--|
| Silt/Clay Brown Colour with common rootlets intermixed with pebbles. | | 0.30m | 0%:100% | The top 0.00m to 0.30m of the trial hole does not have any waste present. It appears to be a thin layer of topsoil used to cap over layer of waste. |
| Clay intermixed with plastics, fabrics, metals, glass, metal, construction and demolition waste. Dark Brown colour | | 2.60m | 40%:60% | 0.30m to 2.60m of the trial hole contains a mixed waste layer containing; plastic, paper, cardboard, fabrics, wood, metals, construction and demolition waste including asbestos. Waste layer ends at 2.60m BGL |
| CLAY | | 3.50m | 0%:100% | . 2.60m to 3.50m of the trial hole contains natural ground consisting of CLAY. |

Trial Hole completed at 3.50m BGL

Trial Hole Photographs

| | | |
|--|--|--|
| Photograph 1  | Photograph 2  | Photograph 3  |
|--|--|--|

| European Waste Code Classification | | | | | |
|------------------------------------|----------|---------|----------------------|----------|---------|
| Waste Type | EWC Code | Present | Waste Type | EWC Code | Present |
| Plastics | 200139 | Yes | End of life tyres | 160103 | No |
| Paper and Cardboard | 200101 | Yes | End of life vehicle | 160104 | No |
| Wooden packaging | 200138 | Yes | Oil Filter | 160107 | No |
| Glass Packaging | 200102 | Yes | Ferrous Metal | 160117 | Yes |
| Textiles | 200111 | Yes | Non Ferrous Metal | 160118 | Yes |
| Construction/Demolition | 170101 | Yes | Waste containing oil | 160708 | No |
| Asbestos | 170601 | Yes | Synthetic Oil | 130206 | No |

| | | |
|---|---|--|
|  | Traynor Environmental Ltd Unit 6, Belturbet Business Park Creeny Belturbet Co. Cavan | Trial Pit Number 6 |
| | | National Grid Reference E260605, N313560 |


| | |
|--|---------------------------------------|
| Project Cootehill Historic Landfill located at Pottleboy, Cootehill, Co. Cavan | Client Cavan County Council |
|--|---------------------------------------|

| | |
|---|---|
| Method 12 Ton Track Excavator | Excavation Date 22 nd October 2014 |
|---|---|

| Description | Legend | Depth | Waste Material : Soil | Waste Material : Soil Notes |
|---|--------|-------|-----------------------|---|
| Silt/Clay Brown Colour with common rootlets intermixed with pebbles. | | 0.20m | 0%:100% | The top 0.00m to 0.20m of the trial hole does not have any waste present. It appears to be a thin layer of topsoil used to cap over layer of waste. |
| Clay mixed with a small quantity of mixed waste. Dark Brown colour | | 1.50m | 15%:85% | 0.20m to 1.50m of the trial hole contains a mixed waste layer containing; plastic, paper, cardboard, fabrics, wood, metals and some construction and demolition waste. Waste layer ends at 1.50m BGL |
| Shale Rock | | 2.00m | 0%:100% | . 1.50m to 2.00m of the trial hole contains natural ground consisting of shale rock. |

Trial Hole completed at 2.00m BGL

Trial Hole Photographs

| | | |
|--|--|--|
| Photograph 1  | Photograph 2  | Photograph 3  |
|--|--|--|

European Waste Code Classification

| Waste Type | EWC Code | Present | Waste Type | EWC Code | Present |
|-------------------------|----------|---------|----------------------|----------|---------|
| Plastics | 200139 | Yes | End of life tyres | 160103 | No |
| Paper and Cardboard | 200101 | Yes | End of life vehicle | 160104 | No |
| Wooden packaging | 200138 | Yes | Oil Filter | 160107 | No |
| Glass Packaging | 200102 | Yes | Ferrous Metal | 160117 | Yes |
| Textiles | 200111 | Yes | Non Ferrous Metal | 160118 | Yes |
| Construction/Demolition | 170101 | Yes | Waste containing oil | 160708 | No |
| Asbestos | 170601 | No | Synthetic Oil | 130206 | No |

| | | |
|---|---|--|
|  | Traynor Environmental Ltd Unit 6, Belturbet Business Park Creeny Belturbet Co. Cavan | Trial Pit Number 7 |
| | | National Grid Reference E260672, N313356 |




| | |
|--|---------------------------------------|
| Project Cootehill Historic Landfill located at Pottleboy, Cootehill, Co. Cavan | Client Cavan County Council |
|--|---------------------------------------|

| | |
|---|---|
| Method 12 Ton Track Excavator | Excavation Date 22 nd October 2014 |
|---|---|

| Description | Legend | Depth | Waste Material : Soil | Waste Material : Soil Notes |
|---|--------|-------|-----------------------|---|
| Silt/Clay Brown Colour with common rootlets intermixed with pebbles. | | 0.20m | 0%:100% | The top 0.00m to 0.20m of the trial hole does not have any waste present. It appears to be a thin layer of topsoil used to cap over layer of waste. |
| Clay intermixed with plastics, fabrics, metals, glass, metal, construction and demolition waste. Dark Brown colour | | 2.00m | 60%:40% | 0.20m to 2.00m of the trial hole contains a mixed waste layer containing; plastic, paper, cardboard, fabrics, wood, metals and some construction and demolition waste. Waste layer ends at 2.00m BGL |
| Shale Rock | | 2.30m | 0%:100% | 2.00m to 2.30m of the trial hole contains natural ground consisting of shale rock. |

Trial Hole completed at 2.30m BGL

Trial Hole Photographs

| | | |
|--|--|--|
| <u>Photograph 1</u>  | <u>Photograph 2</u>  | <u>Photograph 3</u>  |
|--|--|--|

European Waste Code Classification

| Waste Type | EWC Code | Present | Waste Type | EWC Code | Present |
|-------------------------|----------|---------|----------------------|----------|---------|
| Plastics | 200139 | Yes | End of life tyres | 160103 | No |
| Paper and Cardboard | 200101 | Yes | End of life vehicle | 160104 | No |
| Wooden packaging | 200138 | Yes | Oil Filter | 160107 | No |
| Glass Packaging | 200102 | Yes | Ferrous Metal | 160117 | Yes |
| Textiles | 200111 | Yes | Non Ferrous Metal | 160118 | Yes |
| Construction/Demolition | 170101 | Yes | Waste containing oil | 160708 | No |
| Asbestos | 170601 | No | Synthetic Oil | 130206 | No |

| | | |
|---|---|--|
|  | Traynor Environmental Ltd Unit 6, Belturbet Business Park Creeny Belturbet Co. Cavan | Trial Pit Number 8 |
| | | National Grid Reference E260603, N313535 |




| | |
|--|---------------------------------------|
| Project Cootehill Historic Landfill located at Pottleboy, Cootehill, Co. Cavan | Client Cavan County Council |
|--|---------------------------------------|

| | |
|---|---|
| Method 12 Ton Track Excavator | Excavation Date 22 nd October 2014 |
|---|---|

| Description | Legend | Depth | Waste Material : Soil | Waste Material : Soil Notes |
|--|--------|-------|-----------------------|--|
| Silt/Clay Brown Colour with common rootlets intermixed with pebbles. | | 0.20m | 0%:100% | The top 0.00m to 0.20m of the trial hole does not have any waste present. It appears to be a thin layer of topsoil used to cap over layer of waste. |
| Clay heavily intermixed with plastics, fabrics, metals, glass, metal and construction and demolition waste. Dark Brown colour | | 2.00m | 95%:5% | 0.20m to 2.70m of the trial hole contains a mixed waste layer containing; plastic, paper, cardboard, fabrics, wood, metals, construction and demolition waste including asbestos. Waste layer ends at 2.70m BGL |
| Bedrock | | 2.70m | 0%:100% | Bedrock at 2.70m BGL. |





Trial Hole completed at 2.70m BGL

Trial Hole Photographs

| | | |
|--|--|--|
| Photograph 1  | Photograph 2  | Photograph 3  |
|--|--|--|

European Waste Code Classification

| Waste Type | EWCode | Present | Waste Type | EWCode | Present |
|-------------------------|--------|---------|----------------------|--------|---------|
| Plastics | 200139 | Yes | End of life tyres | 160103 | No |
| Paper and Cardboard | 200101 | Yes | End of life vehicle | 160104 | No |
| Wooden packaging | 200138 | Yes | Oil Filter | 160107 | No |
| Glass Packaging | 200102 | Yes | Ferrous Metal | 160117 | Yes |
| Textiles | 200111 | Yes | Non Ferrous Metal | 160118 | Yes |
| Construction/Demolition | 170101 | Yes | Waste containing oil | 160708 | No |
| Asbestos | 170601 | Yes | Synthetic Oil | 130206 | No |

|  | | Traynor Environmental Ltd Unit 6, Belturbet Business Park Creeny Belturbet Co. Cavan | | Trial Pit Number 9 | |
|--|--------|---|-----------------------|--|---------|
| Project Cootehill Historic Landfill located at Pottleboy, Cootehill, Co. Cavan | | | | National Grid Reference E260606, N313549 | |
| Method 12 Ton Track Excavator | | Excavation Date 22 nd October 2014 | | Client Cavan County Council | |
| Description | Legend | Depth | Waste Material : Soil | Waste Material : Soil Notes | |
| Silt/Clay Brown Colour with common rootlets intermixed with pebbles. | | 0.30m | 0%:100% | The top 0.00m to 0.30m of the trial hole does not have any waste present. It appears to be a thin layer of topsoil used to cap over layer of waste. | |
| Clay heavily intermixed with plastics, fabrics, metals, glass, metal and construction and demolition waste. Dark Brown colour | | 2.60m | 90%:10% | 0.30m to 2.60m of the trial hole contains a mixed waste layer containing; plastic, paper, cardboard, fabrics, wood, metals, construction and demolition waste and waste containing oil. Waste layer ends at 2.60m BGL | |
| CLAY intermixed with stone. Brown Colour | | 3.70m | 0%:100% | 2.60m to 3.70m of the trial hole contains natural ground consisting of CLAY intermixed with stone. | |
| Trial Hole completed at 3.70m BGL | | | | | |
| Trial Hole Photographs | | | | | |
| Photograph 1  | | Photograph 2  | | Photograph 3  | |
| European Waste Code Classification | | | | | |
| Waste Type | EWCode | Present | Waste Type | EWCode | Present |
| Plastics | 200139 | Yes | End of life tyres | 160103 | No |
| Paper and Cardboard | 200101 | Yes | End of life vehicle | 160104 | No |
| Wooden packaging | 200138 | Yes | Oil Filter | 160107 | No |
| Glass Packaging | 200102 | Yes | Ferrous Metal | 160117 | Yes |
| Textiles | 200111 | Yes | Non Ferrous Metal | 160118 | Yes |
| Construction/Demolition | 170101 | Yes | Waste containing oil | 160708 | Yes |
| Asbestos | 170601 | No | Synthetic Oil | 130206 | No |



Traynor Environmental Ltd
Unit 6, Belturbet Business Park
Creeny
Belturbet
Co. Cavan

Trial Pit
 Number 10

National Grid Reference
 E260617, N213549

Project
 Cootehill Historic Landfill located at Pottleboy, Cootehill, Co. Cavan

Client
 Cavan County Council

Method
 12 Ton Track Excavator

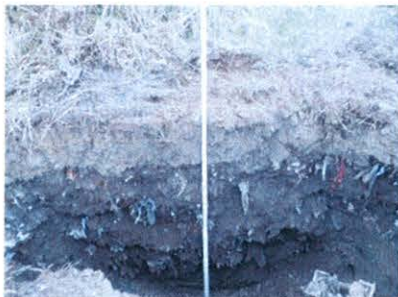
Excavation Date
 22nd October 2014

| Description | Legend | Depth | Waste Material : Soil | Waste Material : Soil Notes |
|--|--------|-------|-----------------------|--|
| Silt/Clay Light Brown Colour with common rootlets intermixed with pebbles. | | 0.50m | 0%:100% | The top 0.00m to 0.35m of the trial hole does not have any waste present. It appears to be a thin layer of topsoil used to cap over layer of waste. |
| Clay heavily intermixed with plastics, fabrics, metals, glass, metal and construction and demolition waste. Dark Brown colour | | 2.50m | 80%:20% | 0.30m to 2.50m of the trial hole contains a mixed waste layer containing; plastic, paper, cardboard, fabrics, wood, metals, construction and demolition waste and waste containing oil. Waste layer ends at 2.50m BGL |
| CLAY intermixed with stone. Brown Colour | | 3.40m | 0%:100% | 2.50m to 3.40m of the trial hole contains natural ground consisting of CLAY intermixed with stone. |

Trial Hole completed at 3.40m BGL

Trial Hole Photographs

Photograph 1



Photograph 2



Photograph 3



European Waste Code Classification

| Waste Type | EWCode | Present | Waste Type | EWCode | Present |
|-------------------------|--------|---------|----------------------|--------|---------|
| Plastics | 200139 | Yes | End of life tyres | 160103 | No |
| Paper and Cardboard | 200101 | Yes | End of life vehicle | 160104 | No |
| Wooden packaging | 200138 | Yes | Oil Filter | 160107 | No |
| Glass Packaging | 200102 | Yes | Ferrous Metal | 160117 | Yes |
| Textiles | 200111 | Yes | Non Ferrous Metal | 160118 | Yes |
| Construction/Demolition | 170101 | Yes | Waste containing oil | 160708 | Yes |
| Asbestos | 170601 | No | Synthetic Oil | 130206 | No |

| | | |
|---|---|--|
|  | Traynor Environmental Ltd Unit 6, Belturbet Business Park Creeny Belturbet Co. Cavan | Trial Pit Number 11 |
| | | National Grid Reference E260626, N313555 |




| | |
|--|---------------------------------------|
| Project Cootehill Historic Landfill located at Pottleboy, Cootehill, Co. Cavan | Client Cavan County Council |
|--|---------------------------------------|

| | |
|---|---|
| Method 12 Ton Track Excavator | Excavation Date 22 nd October 2014 |
|---|---|

| Description | Legend | Depth | Waste Material : Soil | Waste Material : Soil Notes |
|---|--------|-------|-----------------------|---|
| Silt/Clay Light Brown Colour with common rootlets intermixed with pebbles. | | 0.20m | 0%:100% | The top 0.00m to 0.20m of the trial hole does not have any waste present. It appears to be a thin layer of topsoil used to cap over layer of waste. |
| Clay intermixed with plastics, fabrics, metals, glass, metal and construction and demolition waste and end of life vehicle components. Dark Brown colour | | 3.10m | 30%:70% | 0.20m to 3.10m of the trial hole contains a mixed waste layer containing; plastic, paper, cardboard, fabrics, wood, metals, construction and demolition waste, waste containing oil and waste from end of life vehicles. Waste layer ends at 3.10m BGL |
| CLAY intermixed with stone. Brown Colour | | 3.70m | 0%:100% | 3.10m to 3.70m of the trial hole contains natural ground consisting of CLAY intermixed with stone. |

Trial Hole completed at 3.70m BGL

Trial Hole Photographs

| <u>Photograph 1</u> | <u>Photograph 2</u> | <u>Photograph 3</u> |
|---|---|---|
|  |  |  |

| European Waste Code Classification | | | | | |
|------------------------------------|--------|---------|----------------------|--------|---------|
| Waste Type | EWCode | Present | Waste Type | EWCode | Present |
| Plastics | 200139 | Yes | End of life tyres | 160103 | No |
| Paper and Cardboard | 200101 | Yes | End of life vehicle | 160104 | Yes |
| Wooden packaging | 200138 | Yes | Oil Filter | 160107 | No |
| Glass Packaging | 200102 | Yes | Ferrous Metal | 160117 | Yes |
| Textiles | 200111 | Yes | Non Ferrous Metal | 160118 | Yes |
| Construction/Demolition | 170101 | Yes | Waste containing oil | 160708 | Yes |
| Asbestos | 170601 | No | Synthetic Oil | 130206 | No |

| | | |
|---|---|--|
|  | Traynor Environmental Ltd Unit 6, Belturbet Business Park Creeny Belturbet Co. Cavan | Trial Pit Number 12 |
| | | National Grid Reference E260619, N313533 |

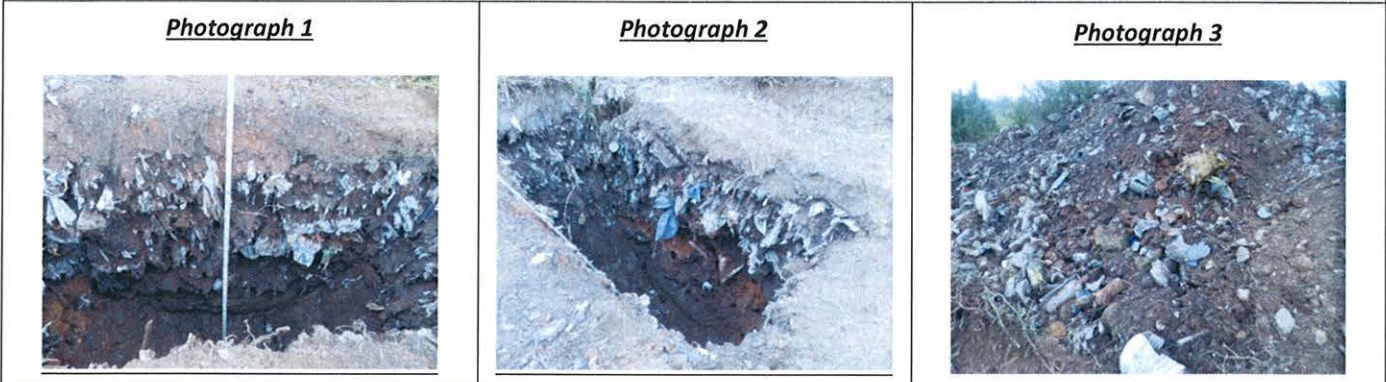
| | |
|--|---------------------------------------|
| Project Cootehill Historic Landfill located at Pottleboy, Cootehill, Co. Cavan | Client Cavan County Council |
|--|---------------------------------------|

| | |
|---|---|
| Method 12 Ton Track Excavator | Excavation Date 22 nd October 2014 |
|---|---|

| Description | Legend | Depth | Waste Material : Soil | Waste Material : Soil Notes |
|---|--------|-------|-----------------------|---|
| Silt/Clay Light Brown Colour with common rootlets intermixed with pebbles. | | 0.20m | 0%:100% | The top 0.00m to 0.20m of the trial hole does not have any waste present. It appears to be a thin layer of topsoil used to cap over layer of waste. |
| Clay heavily intermixed with plastics, fabrics, metals, glass, metal and construction and demolition waste and end of life vehicle components. Dark Brown colour | | 2.60m | 90%:10% | 0.20m to 2.60m of the trial hole contains a mixed waste layer containing; plastic, paper, cardboard, fabrics, wood, metals, construction and demolition waste, waste containing oil and waste from end of life vehicles. Waste layer ends at 2.60m BGL |
| Shaley Clay layer, Bedrock reached at 3.30m BGL. | | 3.30m | 0%:100% | Shaley clay layer with no waste present. Bedrock at 3.30m BGL. |

Trial Hole completed at 3.30m BGL

Trial Hole Photographs



| European Waste Code Classification | | | | | |
|------------------------------------|--------|---------|----------------------|--------|---------|
| Waste Type | EWCode | Present | Waste Type | EWCode | Present |
| Plastics | 200139 | Yes | End of life tyres | 160103 | No |
| Paper and Cardboard | 200101 | Yes | End of life vehicle | 160104 | Yes |
| Wooden packaging | 200138 | Yes | Oil Filter | 160107 | No |
| Glass Packaging | 200102 | Yes | Ferrous Metal | 160117 | Yes |
| Textiles | 200111 | Yes | Non Ferrous Metal | 160118 | Yes |
| Construction/Demolition | 170101 | Yes | Waste containing oil | 160708 | Yes |
| Asbestos | 170601 | No | Synthetic Oil | 130206 | No |

| | | |
|---|---|--|
|  | Traynor Environmental Ltd Unit 6, Belturbet Business Park Creeny Belturbet Co. Cavan | Trial Pit Number 13 |
| | | National Grid Reference E260626, N313539 |

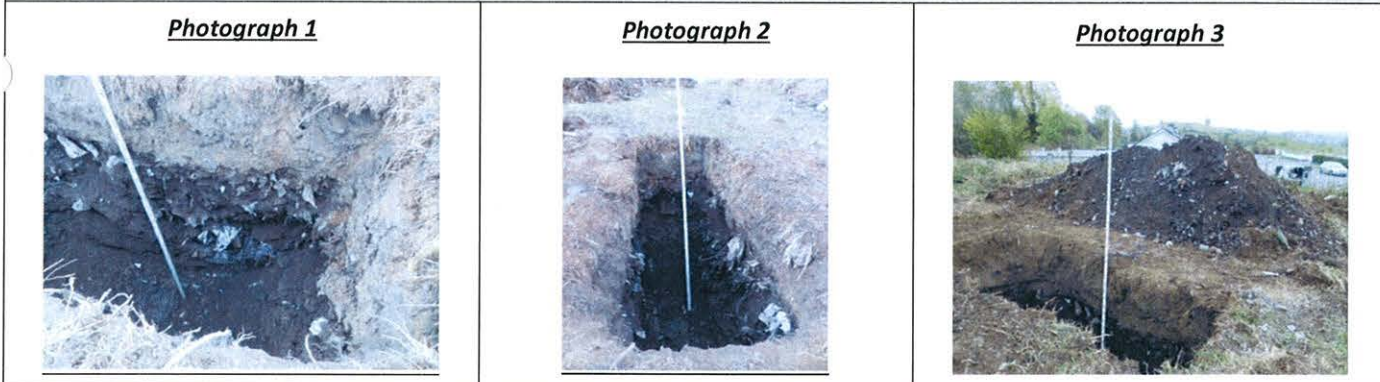
| | |
|--|---------------------------------------|
| Project Cootehill Historic Landfill located at Pottleboy, Cootehill, Co. Cavan | Client Cavan County Council |
|--|---------------------------------------|

| | |
|---|---|
| Method 12 Ton Track Excavator | Excavation Date 22 nd October 2014 |
|---|---|

| Description | Legend | Depth | Waste Material : Soil | Waste Material : Soil Notes |
|---|--------|-------|-----------------------|--|
| Silt/Clay Light Brown Colour with common rootlets intermixed with pebbles. | | 0.70m | 0%:100% | The top 0.00m to 0.70m of the trial hole does not have any waste present. It appears to be a layer of topsoil used to cap over layer of waste. |
| Clay intermixed with plastics, fabrics, metals, glass, metal and construction and demolition waste and end of life vehicle components. Dark Brown colour | | 3.00m | 50%:50% | 0.70m to 3.0m of the trial hole contains a mixed waste layer containing; plastic, paper, cardboard, fabrics, wood, metals, construction and demolition waste, waste containing oil and waste from end of life vehicles. Waste layer ends at 3.00m BGL |
| Shaley CLAY | | 3.40m | 0%:100% | Shaley clay layer with no waste present. |

Trial Hole completed at 3.40m BGL

Trial Hole Photographs



| European Waste Code Classification | | | | | |
|------------------------------------|----------|---------|----------------------|----------|---------|
| Waste Type | EWC Code | Present | Waste Type | EWC Code | Present |
| Plastics | 200139 | Yes | End of life tyres | 160103 | No |
| Paper and Cardboard | 200101 | Yes | End of life vehicle | 160104 | Yes |
| Wooden packaging | 200138 | Yes | Oil Filter | 160107 | No |
| Glass Packaging | 200102 | Yes | Ferrous Metal | 160117 | Yes |
| Textiles | 200111 | Yes | Non Ferrous Metal | 160118 | Yes |
| Construction/Demolition | 170101 | Yes | Waste containing oil | 160708 | Yes |
| Asbestos | 170601 | No | Synthetic Oil | 130206 | No |

| | | |
|---|---|--|
|  | Traynor Environmental Ltd Unit 6, Belturbet Business Park Creeny Belturbet Co. Cavan | Trial Pit Number 14 |
| | | National Grid Reference E260629, N313546 |




| | |
|--|---------------------------------------|
| Project Cootehill Historic Landfill located at Pottleboy, Cootehill, Co. Cavan | Client Cavan County Council |
|--|---------------------------------------|

| | |
|---|---|
| Method 12 Ton Track Excavator | Excavation Date 22 nd October 2014 |
|---|---|

| Description | Legend | Depth | Waste Material : Soil | Waste Material : Soil Notes |
|---|--------|-------|-----------------------|---|
| Silt/Clay Light Brown Colour with common rootlets intermixed with pebbles. | | 0.50m | 0%:100% | The top 0.00m to 0.50m of the trial hole does not have any waste present. It appears to be a layer of topsoil used to cap over layer of waste. |
| Clay heavily intermixed with plastics, fabrics, metals, glass, metal and construction and demolition waste and end of life vehicle components. Dark Brown colour | | 2.40m | 80%:20% | 0.50m to 2.4m of the trial hole contains a mixed waste layer containing; plastic, paper, cardboard, fabrics, wood, metals, construction and demolition waste and waste containing oil. Waste layer ends at 2.40m BGL |
| Shaley CLAY | | 3.40m | 0%:100% | 2.40m to 3.4m of the trial hole contains a Shaley clay layer with no waste present. |

Trial Hole completed at 3.40m BGL

Trial Hole Photographs

| | | |
|--|---|--|
| Photograph 1  | Photograph 2  | Photograph 3  |
|--|---|--|

European Waste Code Classification

| Waste Type | EWC Code | Present | Waste Type | EWC Code | Present |
|-------------------------|----------|---------|----------------------|----------|---------|
| Plastics | 200139 | Yes | End of life tyres | 160103 | No |
| Paper and Cardboard | 200101 | Yes | End of life vehicle | 160104 | Yes |
| Wooden packaging | 200138 | Yes | Oil Filter | 160107 | No |
| Glass Packaging | 200102 | Yes | Ferrous Metal | 160117 | Yes |
| Textiles | 200111 | Yes | Non Ferrous Metal | 160118 | Yes |
| Construction/Demolition | 170101 | Yes | Waste containing oil | 160708 | Yes |
| Asbestos | 170601 | No | Synthetic Oil | 130206 | No |



Traynor Environmental Ltd
Unit 6, Belturbet Business Park
Creeny
Belturbet
Co. Cavan

Trial Pit
 Number 15

National Grid Reference
 E260630, N313556

Project
 Cootehill Historic Landfill located at Pottleboy, Cootehill, Co. Cavan

Client
 Cavan County Council

Method
 12 Ton Track Excavator

Excavation Date
 22nd October 2014

| Description | Legend | Depth | Waste Material : Soil | Waste Material : Soil Notes |
|---|--------|-------|-----------------------|---|
| Silt/Clay Light Brown Colour with common rootlets intermixed with pebbles. | | 0.30m | 0%:100% | The top 0.00m to 0.30m of the trial hole does not have any waste present. It appears to be a layer of topsoil used to cap over layer of waste. |
| Clay intermixed with plastics, fabrics, metals, glass, metal and construction and demolition waste and end of life vehicle components. Dark Brown colour | | 3.00m | 60%:40% | 0.30m to 3.0m of the trial hole contains a mixed waste layer containing; plastic, paper, cardboard, fabrics, wood, metals, construction and demolition waste and waste containing oil. Waste layer ends at 2.40m BGL |
| Shaley CLAY | | 3.40m | 0%:100% | 3.00m to 3.4m of the trial hole contains a Shaley clay layer with no waste present. |

Trial Hole completed at 3.40m BGL

Trial Hole Photographs

Photograph 1



Photograph 2



Photograph 3



European Waste Code Classification

| Waste Type | EWC Code | Present | Waste Type | EWC Code | Present |
|-------------------------|----------|---------|----------------------|----------|---------|
| Plastics | 200139 | Yes | End of life tyres | 160103 | No |
| Paper and Cardboard | 200101 | Yes | End of life vehicle | 160104 | Yes |
| Wooden packaging | 200138 | Yes | Oil Filter | 160107 | No |
| Glass Packaging | 200102 | Yes | Ferrous Metal | 160117 | Yes |
| Textiles | 200111 | Yes | Non Ferrous Metal | 160118 | Yes |
| Construction/Demolition | 170101 | Yes | Waste containing oil | 160708 | Yes |
| Asbestos | 170601 | No | Synthetic Oil | 130206 | No |

| | | |
|---|---|--|
|  | Traynor Environmental Ltd Unit 6, Belturbet Business Park Creeny Belturbet Co. Cavan | Trial Pit Number 16 |
| | | National Grid Reference E260632, N313530 |



| | |
|--|---------------------------------------|
| Project Cootehill Historic Landfill located at Pottleboy, Cootehill, Co. Cavan | Client Cavan County Council |
|--|---------------------------------------|

| | |
|---|---|
| Method 12 Ton Track Excavator | Excavation Date 22 nd October 2014 |
|---|---|

| Description | Legend | Depth | Waste Material : Soil | Waste Material : Soil Notes |
|---|--------|-------|-----------------------|--|
| Silt/Clay intermixed with waste from recent 'fly tipping' Light Brown Colour | | 0.30m | 0%:100% | The top 0.00m to 0.30m of the trial hole does not have any waste present. It appears to be a layer of topsoil used to cap over layer of waste. |
| Shaley CLAY | | 0.60m | 0%:100% | 0.30m to 0.6m of the trial hole contains a Shaley clay layer with no waste present. |
| Shale Bedrock | | 0.60m | 0%:100% | Shale Bedrock at 0.60m BGL |

Trial Hole completed at 0.60m BGL

Trial Hole Photographs

| <u>Photograph 1</u> | <u>Photograph 2</u> | <u>Photograph 3</u> |
|---|--|---|
|  |  |  |

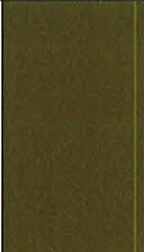
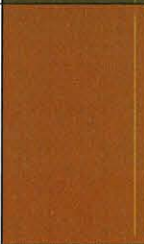

European Waste Code Classification

| Waste Type | EWC Code | Present | Waste Type | EWC Code | Present |
|-------------------------|----------|---------|----------------------|----------|---------|
| Plastics | 200139 | No | End of life tyres | 160103 | No |
| Paper and Cardboard | 200101 | No | End of life vehicle | 160104 | No |
| Wooden packaging | 200138 | No | Oil Filter | 160107 | No |
| Glass Packaging | 200102 | No | Ferrous Metal | 160117 | No |
| Textiles | 200111 | No | Non Ferrous Metal | 160118 | No |
| Construction/Demolition | 170101 | No | Waste containing oil | 160708 | No |
| Asbestos | 170601 | No | Synthetic Oil | 130206 | No |

| | | |
|---|---|--|
|  | Traynor Environmental Ltd Unit 6, Belturbet Business Park Creeny Belturbet Co. Cavan | Trial Pit Number 17 |
| | | National Grid Reference E260638, N313539 |




| | |
|--|---------------------------------------|
| Project Cootehill Historic Landfill located at Pottleboy, Cootehill, Co. Cavan | Client Cavan County Council |
|--|---------------------------------------|

| | |
|---|---|
| Method 12 Ton Track Excavator | Excavation Date 22 nd October 2014 |
|---|---|

| Description | Legend | Depth | Waste Material : Soil | Waste Material : Soil Notes |
|---|---|-------|-----------------------|---|
| Silt/Clay intermixed with waste from recent 'fly tipping' Light Brown Colour |  | 0.30m | 0%:100% | The top 0.00m to 0.30m of the trial hole has recent waste from 'fly tipping'. |
| Shaley CLAY |  | 0.70m | 10%:90% | 0.30m to 0.7m of the trial hole contains a Shaley clay layer with no waste present. |
| Shale Bedrock |  | 0.70m | 0%:100% | Shale Bedrock at 0.70m BGL |

Trial Hole completed at 0.70m BGL

Trial Hole Photographs

| | | |
|---|---|---|
| Photograph 1 | Photograph 2 | Photograph 3 |
|  |  |  |

European Waste Code Classification

| Waste Type | EW Code | Present | Waste Type | EW Code | Present |
|-------------------------|---------|---------|----------------------|---------|---------|
| Plastics | 200139 | Yes | End of life tyres | 160103 | No |
| Paper and Cardboard | 200101 | Yes | End of life vehicle | 160104 | No |
| Wooden packaging | 200138 | Yes | Oil Filter | 160107 | No |
| Glass Packaging | 200102 | Yes | Ferrous Metal | 160117 | Yes |
| Textiles | 200111 | Yes | Non Ferrous Metal | 160118 | Yes |
| Construction/Demolition | 170101 | No | Waste containing oil | 160708 | No |
| Asbestos | 170601 | No | Synthetic Oil | 130206 | No |



Traynor Environmental Ltd
 Unit 6, Belturbet Business Park
 Creeny
 Belturbet
 Co. Cavan

Trial Pit
 Number 18

National Grid Reference
 E260634, E313551

Project
 Cootehill Historic Landfill located at Pottleboy, Cootehill, Co. Cavan

Client
 Cavan County Council

Method
 12 Ton Track Excavator

Excavation Date
 22nd October 2014

| Description | Legend | Depth | Waste Material : Soil | Waste Material : Soil Notes |
|---|--------|-------|-----------------------|---|
| Silt/Clay intermixed with waste from recent 'fly tipping' Light Brown Colour | | 0.30m | 0%:100% | The top 0.00m to 0.30m of the trial hole has recent waste from 'fly tipping'. |
| CLAY | | 0.60m | 0%:100% | 0.30m to 0.6m of the trial hole contains a CLAY layer with no waste present. |

Trial Hole completed at 0.60m BGL

Trial Hole Photographs

Photograph 1



Photograph 2



Photograph 3



European Waste Code Classification

| Waste Type | EW Code | Present | Waste Type | EW Code | Present |
|-------------------------|---------|---------|----------------------|---------|---------|
| Plastics | 200139 | No | End of life tyres | 160103 | No |
| Paper and Cardboard | 200101 | No | End of life vehicle | 160104 | No |
| Wooden packaging | 200138 | No | Oil Filter | 160107 | No |
| Glass Packaging | 200102 | No | Ferrous Metal | 160117 | No |
| Textiles | 200111 | No | Non Ferrous Metal | 160118 | No |
| Construction/Demolition | 170101 | No | Waste containing oil | 160708 | No |
| Asbestos | 170601 | No | Synthetic Oil | 130206 | No |



Traynor Environmental Ltd
Unit 6, Belturbet Business Park
Creeny
Belturbet
Co. Cavan

Trial Pit
Number 19

National Grid Reference
 E260646, N313547

Project
 Cootehill Historic Landfill located at Pottleboy, Cootehill, Co. Cavan

Client
 Cavan County Council

Method
 12 Ton Track Excavator

Excavation Date
 22nd October 2014

| Description | Legend | Depth | Waste Material : Soil | Waste Material : Soil Notes |
|---|--------|-------|-----------------------|---|
| Silt/Clay intermixed with waste from recent 'fly tipping' Light Brown Colour | | 0.30m | 0%:100% | The top 0.00m to 0.30m of the trial hole has recent waste from 'fly tipping'. |
| CLAY | | 0.80m | 0%:100% | 0.30m to 0.8m of the trial hole contains a CLAY layer with no waste present. |

Trial Hole completed at 0.80m BGL

Trial Hole Photographs

Photograph 1



Photograph 2



Photograph 3



European Waste Code Classification

| Waste Type | EWC Code | Present | Waste Type | EWC Code | Present |
|-------------------------|----------|---------|----------------------|----------|---------|
| Plastics | 200139 | No | End of life tyres | 160103 | No |
| Paper and Cardboard | 200101 | No | End of life vehicle | 160104 | No |
| Wooden packaging | 200138 | No | Oil Filter | 160107 | No |
| Glass Packaging | 200102 | No | Ferrous Metal | 160117 | No |
| Textiles | 200111 | No | Non Ferrous Metal | 160118 | No |
| Construction/Demolition | 170101 | No | Waste containing oil | 160708 | No |
| Asbestos | 170601 | No | Synthetic Oil | 130206 | No |

| | | |
|---|---|--|
|  | Traynor Environmental Ltd Unit 6, Belturbet Business Park Creeny Belturbet Co. Cavan | Trial Pit Number 20 |
| | | National Grid Reference E260646, N313539 |

| | |
|--|---------------------------------------|
| Project Cootehill Historic Landfill located at Pottleboy, Cootehill, Co. Cavan | Client Cavan County Council |
|--|---------------------------------------|

| | |
|---|---|
| Method 12 Ton Track Excavator | Excavation Date 22 nd October 2014 |
|---|---|

| Description | Legend | Depth | Waste Material : Soil | Waste Material : Soil Notes |
|---|--------|-------|-----------------------|---|
| Silt/Clay intermixed with waste from recent 'fly tipping' Light Brown Colour | | 0.20m | 0%:100% | The top 0.00m to 0.20m of the trial hole has recent waste from 'fly tipping'. |
| CLAY | | 1.00m | 0%:100% | 0.30m to 1.0m of the trial hole contains a CLAY layer with no waste present. |

Trial Hole completed at 1.00m BGL

Trial Hole Photographs

| Photograph 1 | Photograph 2 | Photograph 3 |
|---|---|---|
|  |  |  |

European Waste Code Classification

| Waste Type | EWCode | Present | Waste Type | EWCode | Present |
|-------------------------|--------|---------|----------------------|--------|---------|
| Plastics | 200139 | No | End of life tyres | 160103 | No |
| Paper and Cardboard | 200101 | No | End of life vehicle | 160104 | No |
| Wooden packaging | 200138 | No | Oil Filter | 160107 | No |
| Glass Packaging | 200102 | No | Ferrous Metal | 160117 | No |
| Textiles | 200111 | No | Non Ferrous Metal | 160118 | No |
| Construction/Demolition | 170101 | No | Waste containing oil | 160708 | No |
| Asbestos | 170601 | No | Synthetic Oil | 130206 | No |



Traynor Environmental Ltd
Unit 6, Belturbet Business Park
Creeny
Belturbet
Co. Cavan

Trial Pit
 Number 21

National Grid Reference
 E260644, N313532

Project
 Cootehill Historic Landfill located at Pottleboy, Cootehill, Co. Cavan

Client
 Cavan County Council

Method
 12 Ton Track Excavator

Excavation Date
 22nd October 2014

| Description | Legend | Depth | Waste Material : Soil | Waste Material : Soil Notes |
|--|--------|-------|-----------------------|---|
| Silt/Clay intermixed with pebbles with common rootlets Light Brown Colour | | 0.20m | 0%:100% | The top 0.00m to 0.20m of the trial hole has no waste present |
| CLAY intermixed with stone | | 0.80m | 0%:100% | 0.30m to 0.80m of the trial hole contains a CLAY layer with no waste present. |

Trial Hole completed at 0.80m BGL

Trial Hole Photographs

Photograph 1



Photograph 2



Photograph 3



European Waste Code Classification

| Waste Type | EWCode | Present | Waste Type | EWCode | Present |
|-------------------------|--------|---------|----------------------|--------|---------|
| Plastics | 200139 | No | End of life tyres | 160103 | No |
| Paper and Cardboard | 200101 | No | End of life vehicle | 160104 | No |
| Wooden packaging | 200138 | No | Oil Filter | 160107 | No |
| Glass Packaging | 200102 | No | Ferrous Metal | 160117 | No |
| Textiles | 200111 | No | Non Ferrous Metal | 160118 | No |
| Construction/Demolition | 170101 | No | Waste containing oil | 160708 | No |
| Asbestos | 170601 | No | Synthetic Oil | 130206 | No |

| | | |
|---|---|--|
|  | Traynor Environmental Ltd Unit 6, Belturbet Business Park Creeny Belturbet Co. Cavan | Trial Pit Number 22 |
| | | National Grid Reference E260613, N313547 |

| | |
|--|---------------------------------------|
| Project Cootehill Historic Landfill located at Pottleboy, Cootehill, Co. Cavan | Client Cavan County Council |
|--|---------------------------------------|

| | |
|---|---|
| Method 12 Ton Track Excavator | Excavation Date 22 nd October 2014 |
|---|---|

| Description | Legend | Depth | Waste Material : Soil | Waste Material : Soil Notes |
|---|--------|-------|-----------------------|--|
| Silt/Clay Light Brown Colour with common rootlets intermixed with pebbles. | | 0.50m | 0%:100% | The top 0.00m to 0.50m of the trial hole does not have any waste present. It appears to be a layer of topsoil used to cap over layer of waste. |
| Clay lightly intermixed with plastics, fabrics, metals, glass, metal and construction and demolition waste. Dark Brown colour with red staining due to leachate. | | 2.80m | 80%:20% | 0.50m to 2.80m of the trial hole contains a mixed waste layer containing; plastic, paper, cardboard, fabrics, wood, metals and construction and demolition waste. Waste layer ends at 2.80m BGL |
| Shaley CLAY Red staining from leaching. | | 4.00m | 0%:100% | Shaley clay layer with no waste present. |

Trial Hole completed at 4.00m BGL

Trial Hole Photographs

| | | |
|--|--|--|
| Photograph 1  | Photograph 2  | Photograph 3  |
|--|--|--|

| European Waste Code Classification | | | | | |
|------------------------------------|--------|---------|----------------------|--------|---------|
| Waste Type | EWCode | Present | Waste Type | EWCode | Present |
| Plastics | 200139 | Yes | End of life tyres | 160103 | No |
| Paper and Cardboard | 200101 | Yes | End of life vehicle | 160104 | No |
| Wooden packaging | 200138 | Yes | Oil Filter | 160107 | No |
| Glass Packaging | 200102 | Yes | Ferrous Metal | 160117 | Yes |
| Textiles | 200111 | Yes | Non Ferrous Metal | 160118 | Yes |
| Construction/Demolition | 170101 | Yes | Waste containing oil | 160708 | Yes |
| Asbestos | 170601 | No | Synthetic Oil | 130206 | No |

| | | |
|---|---|--|
|  | Traynor Environmental Ltd Unit 6, Belturbet Business Park Creeny Belturbet Co. Cavan | Trial Pit Number 23 |
| | | National Grid Reference E260620, N313542 |




| | |
|--|---------------------------------------|
| Project Cootehill Historic Landfill located at Pottleboy, Cootehill, Co. Cavan | Client Cavan County Council |
|--|---------------------------------------|

| | |
|---|---|
| Method 12 Ton Track Excavator | Excavation Date 22 nd October 2014 |
|---|---|

| Description | Legend | Depth | Waste Material : Soil | Waste Material : Soil Notes |
|---|--------|-------|-----------------------|--|
| Silt/Clay Light Brown Colour with common rootlets intermixed with pebbles. | | 0.50m | 0%:100% | The top 0.00m to 0.50m of the trial hole does not have any waste present. It appears to be a layer of topsoil used to cap over layer of waste. |
| Clay intermixed with plastics, fabrics, metals, glass, metal and construction and demolition waste. Dark Brown colour with red staining due to leachate. | | 2.60m | 70%:30% | 0.50m to 2.80m of the trial hole contains a mixed waste layer containing; plastic, paper, cardboard, fabrics, wood, metals and construction and demolition waste. Waste layer ends at 2.60m BGL |
| Bedrock. | | 2.80m | 0%:100% | Shale Bedrock. |

Trial Hole completed at 2.80m BGL

Trial Hole Photographs

| <u>Photograph 1</u> | <u>Photograph 2</u> | <u>Photograph 3</u> |
|---|--|---|
|  |  |  |

European Waste Code Classification

| Waste Type | EWCode | Present | Waste Type | EWCode | Present |
|-------------------------|--------|---------|----------------------|--------|---------|
| Plastics | 200139 | Yes | End of life tyres | 160103 | No |
| Paper and Cardboard | 200101 | Yes | End of life vehicle | 160104 | No |
| Wooden packaging | 200138 | Yes | Oil Filter | 160107 | No |
| Glass Packaging | 200102 | Yes | Ferrous Metal | 160117 | Yes |
| Textiles | 200111 | Yes | Non Ferrous Metal | 160118 | Yes |
| Construction/Demolition | 170101 | Yes | Waste containing oil | 160708 | No |
| Asbestos | 170601 | No | Synthetic Oil | 130206 | No |

| | | |
|---|---|--|
|  | Traynor Environmental Ltd Unit 6, Belturbet Business Park Creeny Belturbet Co. Cavan | Trial Pit Number 24 |
| | | National Grid Reference E260624, N313527 |

| | |
|--|---------------------------------------|
| Project Cootehill Historic Landfill located at Pottleboy, Cootehill, Co. Cavan | Client Cavan County Council |
|--|---------------------------------------|

| | |
|---|---|
| Method 12 Ton Track Excavator | Excavation Date 22 nd October 2014 |
|---|---|

| Description | Legend | Depth | Waste Material : Soil | Waste Material : Soil Notes |
|---|--------|-------|-----------------------|--|
| Silt/Clay Light Brown Colour with common rootlets intermixed with pebbles. | | 0.50m | 0%:100% | The top 0.00m to 0.50m of the trial hole does not have any waste present. It appears to be a layer of topsoil used to cap over layer of waste. |
| Clay intermixed with plastics, fabrics, metals, glass, metal and construction and demolition waste. Dark Brown colour with red staining due to leachate. | | 2.60m | 70%:30% | 0.50m to 2.70m of the trial hole contains a mixed waste layer containing; plastic, paper, cardboard, fabrics, wood, metals and construction and demolition waste. Waste layer ends at 2.70m BGL |
| Shale Bedrock. | | 2.70m | 0%:100% | Shale Bedrock. |

Trial Hole completed at 2.70m BGL

Trial Hole Photographs

Photograph 1



Photograph 2



Photograph 3



European Waste Code Classification

| Waste Type | EWCode | Present | Waste Type | EWCode | Present |
|-------------------------|--------|---------|----------------------|--------|---------|
| Plastics | 200139 | Yes | End of life tyres | 160103 | No |
| Paper and Cardboard | 200101 | Yes | End of life vehicle | 160104 | No |
| Wooden packaging | 200138 | Yes | Oil Filter | 160107 | No |
| Glass Packaging | 200102 | Yes | Ferrous Metal | 160117 | Yes |
| Textiles | 200111 | Yes | Non Ferrous Metal | 160118 | Yes |
| Construction/Demolition | 170101 | Yes | Waste containing oil | 160708 | No |
| Asbestos | 170601 | No | Synthetic Oil | 130206 | No |

| | | |
|---|---|--|
|  | Traynor Environmental Ltd Unit 6, Belturbet Business Park Creeny Belturbet Co. Cavan | Trial Pit Number 25 |
| | | National Grid Reference E260606, N313530 |




| | |
|--|---------------------------------------|
| Project Cootehill Historic Landfill located at Pottleboy, Cootehill, Co. Cavan | Client Cavan County Council |
|--|---------------------------------------|

| | |
|---|---|
| Method 12 Ton Track Excavator | Excavation Date 22 nd October 2014 |
|---|---|

| Description | Legend | Depth | Waste Material : Soil | Waste Material : Soil Notes |
|--|--------|-------|-----------------------|--|
| Silt/Clay Light Brown Colour with common rootlets intermixed with pebbles. | | 0.50m | 0%:100% | The top 0.00m to 0.50m of the trial hole does not have any waste present. It appears to be a layer of topsoil used to cap over layer of waste. |
| Clay intermixed with plastics, fabrics, metals, glass, metal and construction and demolition waste and electrical waste. Dark Brown colour with red staining due to leachate. | | 3.40m | 80%:20% | 0.50m to 2.70m of the trial hole contains a mixed waste layer containing; plastic, paper, cardboard, fabrics, wood, metals and construction and demolition waste. Waste layer ends at 3.40m BGL |
| Shaley Clay | | 3.70m | 0%:100% | Shaley Clay layer with no rubbish present. |

Trial Hole completed at 3.70m BGL

Trial Hole Photographs

| <u>Photograph 1</u> | <u>Photograph 2</u> | <u>Photograph 3</u> |
|---|---|---|
|  |  |  |

| European Waste Code Classification | | | | | |
|---|--------|---------|----------------------|--------|---------|
| Waste Type | EWCode | Present | Waste Type | EWCode | Present |
| Plastics | 200139 | Yes | End of life tyres | 160103 | No |
| Paper and Cardboard | 200101 | Yes | End of life vehicle | 160104 | No |
| Wooden packaging | 200138 | Yes | Oil Filter | 160107 | No |
| Glass Packaging | 200102 | Yes | Ferrous Metal | 160117 | Yes |
| Textiles | 200111 | Yes | Non Ferrous Metal | 160118 | Yes |
| Construction/Demolition | 170101 | Yes | Waste containing oil | 160708 | Yes |
| Asbestos | 170601 | No | Synthetic Oil | 130206 | No |