

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




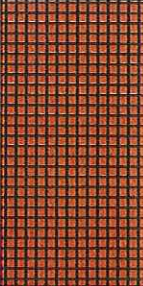


TIER 2

ENVIRONMENTAL RISK ASSESSMENT




APPENDIX A

TRIAL HOLE LOGS




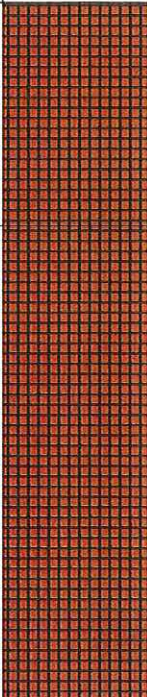
		Traynor Environmental Ltd Unit 6, Belturbet Business Park Greeny Belturbet Co. Cavan		Trial Pit Number 1
Project Kingscourt Historic Landfill located at Dunaree Kingscourt, Co. Cavan		Method 12 Ton Track Excavator		National Grid Reference E278009 N295750
Start Date 30 th May 2013		Client Cavan County Council		
Description	Legend	Depth	Waste Material : Soil	Waste Material : Soil Notes
Silt/Clay Brown Colour with common rootlets intemixed with stone.		2.00m	0%:100%	The top 0.00m to 2.00m of the trial hole does not have any waste present. It appears to be natural ground.
Clay intermixed with plastics, fabrics, metals, glass, municipal waste. Brown- Orange colour		4.00m	80%:20%	The final 2.00m to 4.00m of the trial hole contains a significant amount of plastic waste present. It also contains fabrics, metals, tyre and municipal waste.
Bedrock		4.00m	0%:100%	Bottom of trial hole bedrock at 4m.
Trial Hole completed at 4.00m BGL				

Trial Hole Photographs




Photograph 1	Photograph 2	Photograph 3
		

European Waste Code Classification


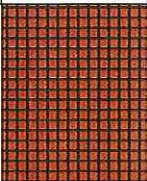

Waste Type	EWG Code	Present	Waste Type	EWG Code	Present
Plastics	200139	Yes	End of life tyres	160103	No
Paper and Cardboard	200101	Yes	End of life vehicle	160104	No
Wooden packaging	200138	No	Oil Filter	160107	No
Metals	200140	Yes	Ferrous Metal	160117	Yes
Glass Packaging	200102	Yes	Non Ferrous Metal	160118	Yes
textiles	200111	Yes	Waste containing oil	160708	No
Clothes	200110	No	Synthetic Oil	130206	No




		Traynor Environmental Ltd Unit 6, Belturbet Business Park Creeny Belturbet Co. Cavan		Trial Pit Number 2
Project Kingscourt Historic Landfill located at Dunaree Kingscourt, Co. Cavan				National Grid Reference E278000 N295765
Method 12 Ton Track Excavator				Client Cavan County Council
Start Date 30 th May 2013				
Description	Legend	Depth	Waste Material : Soil	Waste Material : Soil Notes
Silt/Clay Dark Brown Colour with common rootlets intermixed with stone.		0.90m	10%:90%	The top 0.00m to 0.90m of the trial hole contains no waste.
Clay Brown colour		4.00m	0%:100%	The final 0.90m to 4.00m of the trial hole does not have any waste present. It appears to be natural ground.
Trial Hole completed at 4.00m BGL				

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Trial Hole Photographs		
Photograph 1 	Photograph 2 	Photograph 3 




European Waste Code Classification					
Waste Type	EWG Code	Present	Waste Type	EWG 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
Metals	200140	No	Ferrous Metal	160117	No
Glass Packaging	200102	No	Non Ferrous Metal	160118	No
Textiles	200111	No	Waste containing oil	160708	No
Clothes	200110	No	Synthetic Oil	130206	No

		Traynor Environmental Ltd Unit 6, Belturbet Business Park Creeny Belturbet Co. Cavan		Trial Pit Number 3
Project Kingscourt Historic Landfill located at Dunaree Kingscourt, Co. Cavan		National Grid Reference E277984 N295776		
Method 12 Ton Track Excavator				Client Cavan County Council
		Start Date 30 th May 2013		
Description	Legend	Depth	Waste Material : Soil	Waste Material : Soil Notes
Silt/Clay Brown Colour with common rootlets, intermixed with stone.		0.40m	0%:100%	The top 0.00m to 0.40m of the trial hole appears to have no waste present.
Clay Brown- Orange colour intermixed with stone.		3.00m	0%:100%	The final 0.40m to 3.00m of the trial hole does not have any waste present. It appears to be natural ground.
Trial Hole completed at 3.00m 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
Metals	200140	No	Ferrous Metal	160117	No
Glass Packaging	200102	No	Non Ferrous Metal	160118	No
Textiles	200111	No	Waste containing oil	160708	No
Clothes	200110	No	Synthetic Oil	130206	No

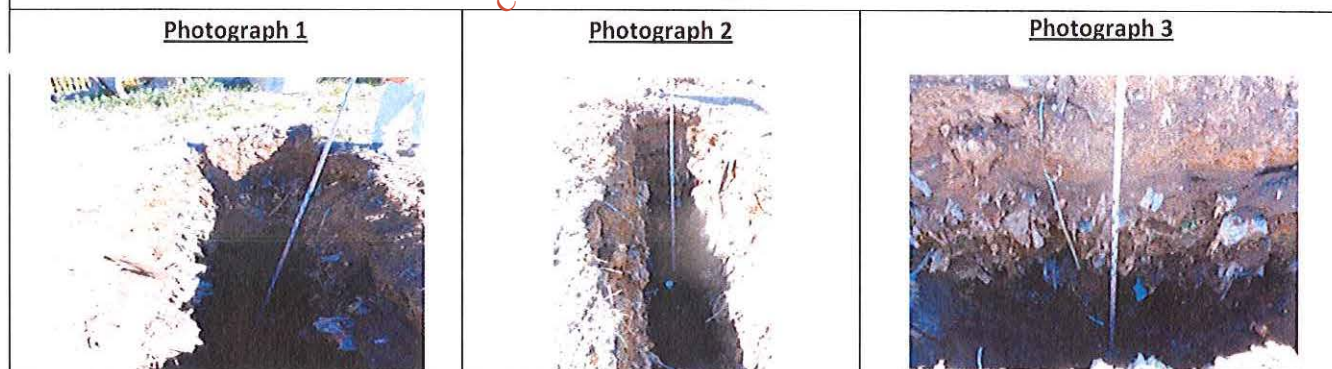
		Traynor Environmental Ltd Unit 6, Belturbet Business Park Creeny Belturbet Co. Cavan		Trial Pit Number 4
Project Kingscourt Historic Landfill located at Dunaree Kingscourt, Co. Cavan		National Grid Reference E277990 N295758		
Method 12 Ton Track Excavator		Start Date 30 th May 2013		
Description		Legend	Depth	Waste Material : Soil
Silt/Clay Brown Colour with common rootlets. Clay heavily intermixed with stone.			0.60m	5%:95%
Silt/Clay Brown Colour Clay heavily intermixed with stone and low level of waste.			2.40m	15%:75%
Clay intermixed with Plastics and metals Dark Brown/Black colour			4.40m	90%:10%
Trial Hole completed at 4.40m 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	No	End of life vehicle	160104	No
Wooden packaging	200138	No	Oil Filter	160107	No
Metals	200140	Yes	Ferrous Metal	160117	Yes
Glass Packaging	200102	No	Non Ferrous Metal	160118	Yes
Textiles	200111	No	Waste containing oil	160708	No
Clothes	200110	No	Synthetic Oil	130206	No


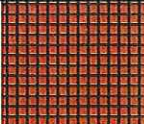

		Traynor Environmental Ltd Unit 6, Belturbet Business Park Creeny Belturbet Co. Cavan		Trial Pit Number 5	
Project Kingscourt Historic Landfill located at Dunaree Kingscourt, Co. Cavan				National Grid Reference E278003 N295738	
Method 12 Ton Track Excavator		Start Date 30 th May 2013		Client Cavan County Council	
Description	Legend	Depth	Waste Material : Soil	Waste Material : Soil Notes	
Clay Brown Colour with common rootlets. Clay heavily intermixed with stone.		0.40m	0%:100%	The top 0.00m to 0.40m of the trial hole has no waste present. It is a gravelly surface	
Clay intermixed with Plastics, paper, wood, glass, textiles and metals. Dark Brown colour		3.70m	90%:10%	The final 0.40m to 3.70m of the trial hole contains a significant amount of plastic waste present. It also contains metals, fabrics and paper waste.	
Trial Hole completed at 3.70m BGL					

Trial Hole Photographs



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
Metals	200140	Yes	Ferrous Metal	160117	Yes
Glass Packaging	200102	Yes	Non Ferrous Metal	160118	Yes
Textiles	200111	Yes	Waste containing oil	160708	No
Clothes	200110	Yes	Synthetic Oil	130206	No

		Traynor Environmental Ltd Unit 6, Belturbet Business Park Creeny Belturbet Co. Cavan		Trial Pit Number 6 National Grid Reference E278001 N295729	
Project Kingscourt Historic Landfill located at Dunaree Kingscourt, Co. Cavan				Client Cavan County Council	
Method 12 Ton Track Excavator			Start Date 30 th May 2013		
Description	Legend	Depth	Waste Material : Soil	Waste Material : Soil Notes	
Silt/Clay Brown colour with common rootlets.		0.10m	0%:100%	The top 0.00m to 0.10m of the trial hole does not have any waste present. It appears to be natural ground..	
Clay intermixed with Plastics, metal paper mixed of municipal waste etc. Dark brown colour		4.60m	90%:10%	The final 0.10m to 4.60m of the trial hole contains a significant amount of plastic waste present. It also contains metal waste.	
Trial Hole completed at 4.60m BGL					

Trial Hole Photographs

Photograph 1



Photograph 2





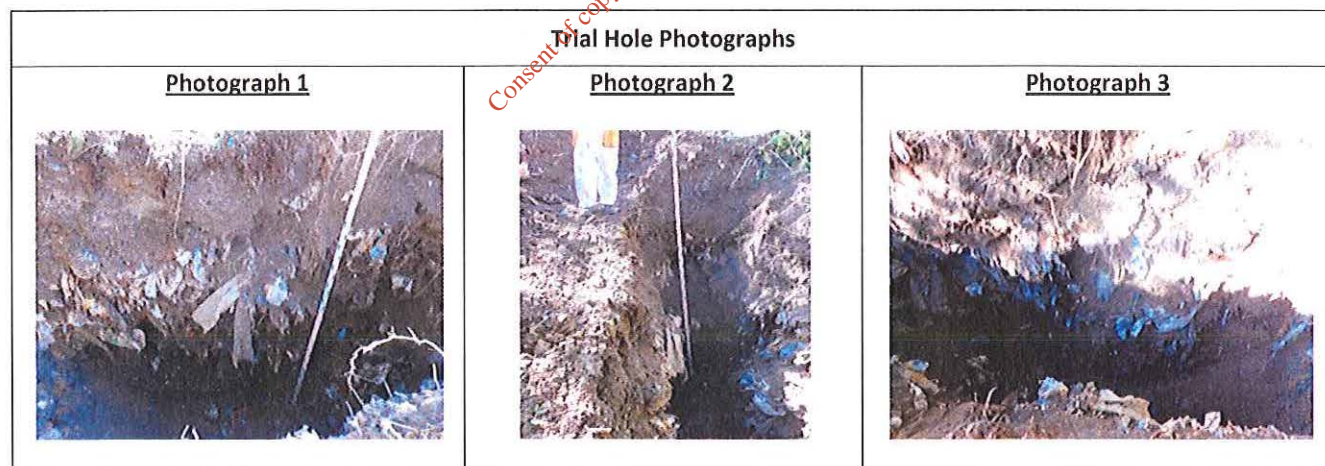
Photograph 3




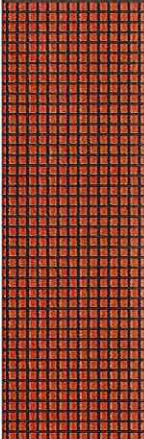

European Waste Code Classification




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	No	Oil Filter	160107	No
Metals	200140	Yes	Ferrous Metal	160117	Yes
Glass Packaging	200102	Yes	Non Ferrous Metal	160118	Yes
Textiles	200111	No	Waste containing oil	160708	No
Clothes	200110	No	Synthetic Oil	130206	No

		Traynor Environmental Ltd Unit 6, Belturbet Business Park Creeny Belturbet Co. Cavan		Trial Pit Number 7	
Project Kingscourt Historic Landfill located at Dunaree Kingscourt, Co. Cavan		National Grid Reference E277981 N295732			
Method 12 Ton Track Excavator		Start Date 30 th May 2013			
Description		Legend	Depth	Waste Material : Soil	Waste Material : Soil Notes
Silt/Clay Brown colour with common rootlets.			0.90m	0%:100%	The top 0.00m to 0.90m of the trial hole contains no waste. It appears to be natural ground.
Clay intermixed with Plastics, metal etc. Dark brown colour			3.60m	80%:20%	The final 0.90m to 3.60m of the trial hole contains a significant amount of plastic waste present. It also contains metal waste.
Trial Hole completed at 3.60m BGL					



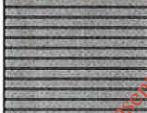


European Waste Code Classification					
Waste Type	EW Code	Present	Waste Type	EW Code	Present
Plastics	200139	Yes	End of life tyres	160103	No
Paper and Cardboard	200101	Yes	End of life vehicle	160104	No
Wooden packaging	200138	No	Oil Filter	160107	No
Metals	200140	Yes	Ferrous Metal	160117	Yes
Glass Packaging	200102	Yes	Non Ferrous Metal	160118	No
Textiles	200111	No	Waste containing oil	160708	No
Clothes	200110	No	Synthetic Oil	130206	No




		Traynor Environmental Ltd Unit 6, Belturbet Business Park Creeny Belturbet Co. Cavan		Trial Pit Number 8 National Grid Reference E277958 N295719	
Project Kingscourt Historic Landfill located at Dunaree Kingscourt, Co. Cavan				Client Cavan County Council	
Method 12 Ton Track Excavator			Start Date 30 th May 2013		
Description	Legend	Depth	Waste Material : Soil	Waste Material : Soil Notes	
Silt/Clay Dark Brown colour with common rootlets intermixed with stone		1.00m	0%:100%	The trial hole does not have any waste. It appears to be natural ground.	
Bedrock		1.00m	Bedrock	Bedrock reached at 1.00m	
Trial Hole completed at 3.60m BGL					

Trial Hole Photographs		
Photograph 1 	Photograph 2 	Photograph 3 


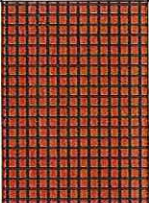

European Waste Code Classification					
Waste Type	EW Code	Present	Waste Type	EW Code	Present
Plastics	200139	No	End of life tyres	160103	No
Paper and Cardboard	200101	No	End of life vehicle	160104	No
Wooden packaging	200138	No	Oil Filter	160107	No
Metals	200140	No	Ferrous Metal	160117	No
Glass Packaging	200102	No	Non Ferrous Metal	160118	No
Textiles	200111	No	Waste containing oil	160708	No
Clothes	200110	No	Synthetic Oil	130206	No




		Traynor Environmental Ltd Unit 6, Belturbet Business Park Creeny Belturbet Co. Cavan		Trial Pit Number 9
Project Kingscourt Historic Landfill located at Dunaree, Kingscourt, Co. Cavan				National Grid Reference E277958 N295707
Method 12 Ton Track Excavator				Client Cavan County Council
Start Date 30 th May 2013				
Description	Legend	Depth	Waste Material : Soil	Waste Material : Soil Notes
Clay intermixed with stone. Brown colour		0.40m	15%: 75%	The first 0.40m of the trial hole contains no waste.
Silt/Clay Brown Colour with common rootlets intermixed with small amounts of stone.		1.00m	0%:100%	The trial hole contains no waste below 0.4m . It appears to be natural ground.
Bedrock		1.40m	Bedrock	Bedrock reached @ 1.40m BGL
Trial Hole completed at 1.40m BGL				

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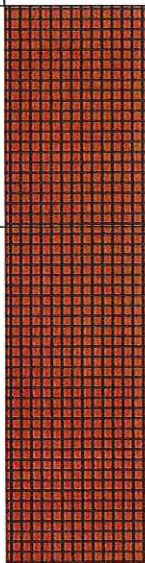

Trial Hole Photographs		
Photograph 1 	Photograph 2 	Photograph 3 




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
Metals	200140	No	Ferrous Metal	160117	No
Glass Packaging	200102	No	Non Ferrous Metal	160118	No
Textiles	200111	No	Waste containing oil	160708	No
Clothes	200110	No	Synthetic Oil	130206	No

		Traynor Environmental Ltd Unit 6, Belturbet Business Park Creeny Belturbet Co. Cavan		Trial Pit Number 10
Project Kingscourt Historic Landfill located at Dunaree, Kingscourt, Co. Cavan		Method 12 Ton Track Excavator		National Grid Reference E277993 N295740
Start Date 31 st May 2013		Client Cavan County Council		
Description	Legend	Depth	Waste Material : Soil	Waste Material : Soil Notes
Silt/Clay Dark brown Colour heavily intermixed with stone.		0.80m	0%:100%	The top 0.00m to 0.80m of the trial hole does not have any waste present. It appears to be natural ground intermixed with gravel.
Clay intermixed with Plastics, metals, glass etc. Black colour		4.00m	95%:5%	The final 0.85m to 4.00m of the trial hole contains a significant amount of plastic waste present. It also contains metal and glass waste. Very bad odour, black and wet rubbish.
Trial Hole completed at 4.00m BGL				


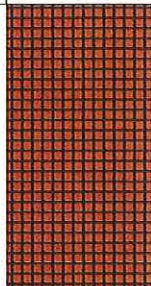

Trial Hole Photographs		
Photograph 1 	Photograph 2 	Photograph 3 




European Waste Code Classification					
Waste Type	EWG Code	Present	Waste Type	EWG 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	No	Oil Filter	160107	No
Metals	200140	Yes	Ferrous Metal	160117	Yes
Glass Packaging	200102	Yes	Non Ferrous Metal	160118	Yes
Textiles	200111	Yes	Waste containing oil	160708	No
Clothes	200110	No	Synthetic Oil	130206	No

		Traynor Environmental Ltd Unit 6, Belturbet Business Park Greeny Belturbet Co. Cavan		Trial Pit Number 11
				National Grid Reference E277980 N295756
Project Kingscourt Historic Landfill located at Dunaree, Kingscourt, Co. Cavan				Client Cavan County Council
Method 12 Ton Track Excavator			Start Date 31 st May 2013	
Description	Legend	Depth	Waste Material : Soil	Waste Material : Soil Notes
Silt/Clay Dark brown Colour heavily intermixed with stone.		1.00m	3%:97%	The top 0.00m to 1.0m of the trial hole contains minimal waste. It appears to be natural ground and stone.
Clay Light brown colour		4.00m	0%: 100%	The final 1.00m to 4.00m of the trial hole does not contain any waste. The Bedrock is reached at a distance of 3.80 metres.
Bedrock		4.00m	Bedrock	Bedrock reached @ 4.00m
Trial Hole completed at 4.00m BGL				


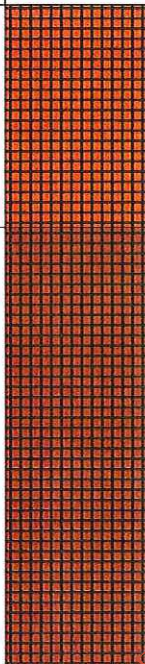
Trial Hole Photographs		
Photograph 1 	Photograph 2 	Photograph 3 




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
Metals	200140	No	Ferrous Metal	160117	No
Glass Packaging	200102	No	Non Ferrous Metal	160118	No
Textiles	200111	No	Waste containing oil	160708	No
Clothes	200110	No	Synthetic Oil	130206	No

		Traynor Environmental Ltd Unit 6, Belturbet Business Park Creeny Belturbet Co. Cavan		Trial Pit Number 12
				National Grid Reference E277976 N295767
Project Kingscourt Historic Landfill located at Dunaree Kingscourt, Co. Cavan				Client Cavan County Council
Method 12 Ton Track Excavator			Start Date 31 st May 2013	
Description	Legend	Depth	Waste Material : Soil	Waste Material : Soil Notes
Silt/Clay Brown Colour with common rootlets intermixed with stone.		1.50m	0%:100%	The top 0.00m to 1.50m of the trial hole does not have any waste present. It appears to be natural ground and gravel.
Clay intermixed with Plastics, glass, wood, metal. Brown-Colour.		3.90m	40%:60%	The final 1.50m to 3.90m of the trial hole contains significant amounts of plastic waste present. It also contains, glass, wood and metal waste.
Trial Hole completed at 3.90m BGL				




Trial Hole Photographs		
Photograph 1 	Photograph 2 	Photograph 3 




European Waste Code Classification					
Waste Type	EWK Code	Present	Waste Type	EWK 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
Metals	200140	Yes	Ferrous Metal	160117	Yes
Glass Packaging	200102	Yes	Non Ferrous Metal	160118	Yes
Textiles	200111	No	Waste containing oil	160708	No
Clothes	200110	Yes	Synthetic Oil	130206	No

		Traynor Environmental Ltd Unit 6, Belturbet Business Park Creeny Belturbet Co. Cavan		Trial Pit Number 13
Project Kingscourt Historic Landfill located at Dunaree Kingscourt, Co. Cavan				National Grid Reference E277964 N295764
Method 12 Ton Track Excavator				Client Cavan County Council
Start Date 31 st May 2013				
Description	Legend	Depth	Waste Material : Soil	Waste Material : Soil Notes
Clay with common rootlets. Clay hevely intermixed with stone. Brown - Orange colour		1.00 m	0%:100%	The top 0.00m to 1.00m of the trial hole does not have any waste present. It appears to be natural ground.
Clay intermixed with stone. Dark Brown - colour		2.70m	20%:80%	The final 1.00m to 2.70 m of the trial hole contains small amounts of metal, plastics and a pipe.
Trial Hole completed at 2.70m BGL				


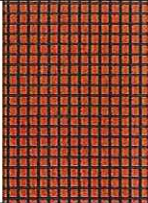

Trial Hole Photographs		
Photograph 1 	Photograph 2 	Photograph 3 

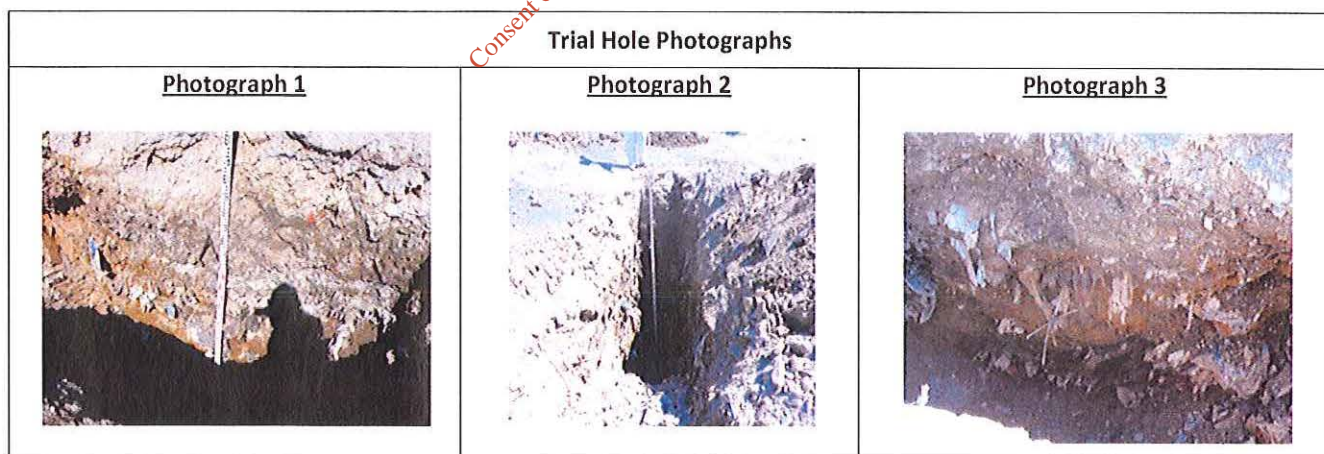
European Waste Code Classification					
Waste Type	EWG Code	Present	Waste Type	EWG Code	Present
Plastics	200139	No	End of life tyres	160103	No
Paper and Cardboard	200101	No	End of life vehicle	160104	No
Wooden packaging	200138	No	Oil Filter	160107	No
Metals	200140	No	Ferrous Metal	160117	No
Glass Packaging	200102	No	Non Ferrous Metal	160118	No
Textiles	200111	No	Waste containing oil	160708	No
Clothes	200110	No	Synthetic Oil	130206	No

		Traynor Environmental Ltd Unit 6, Belturbet Business Park Creeny Belturbet Co. Cavan		Trial Pit Number 14
Project Kingscourt Historic Landfill located at Dunaree Kingscourt, Co. Cavan		Method 12 Ton Track Excavator		National Grid Reference E277971 N295747
Start Date 31 st May 2013		Client Cavan County Council		
Description	Legend	Depth	Waste Material : Soil	Waste Material : Soil Notes
Clay with common rootlets. Clay heavily intermixed with stone. Brown - Orange colour		1.00 m	0%:100%	The top 0.00m to 1.00m of the trial hole does not have any waste present. It appears to be natural ground intermixed with gravel.
Clay intermixed with Plastics, metals, pipes, wires, bricks, glass. Dark Brown - colour		3.30m	80%:20%	The final 1.00m to 3.30m of the trial hole contains a significant amount of plastic waste present. It also contains metal, pipes, wires, bricks, glass.
Trial Hole completed at 3.30m BGL				


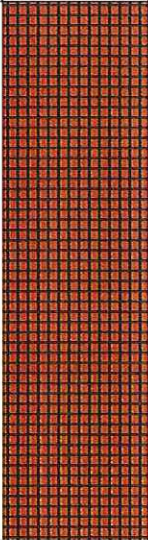

Trial Hole Photographs		
Photograph 1 	Photograph 2 	Photograph 3 




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	No	Oil Filter	160107	No
Metals	200140	Yes	Ferrous Metal	160117	Yes
Glass Packaging	200102	Yes	Non Ferrous Metal	160118	Yes
Textiles	200111	Yes	Waste containing oil	160708	No
Bricks	170102	Yes	Synthetic Oil	130206	No

	Traynor Environmental Ltd Unit 6, Belturbet Business Park Creeny Belturbet Co. Cavan		Trial Pit Number 15	
			National Grid Reference E277975 N295736	
Project Kingscourt Historic Landfill located at Dunaree Kingscourt, Co. Cavan			Client Cavan County Council	
Method 12 Ton Track Excavator		Start Date 31 st May 2013		
Description	Legend	Depth	Waste Material : Soil	Waste Material : Soil Notes
Clay with common rootlets. Clay heavily intermixed with stone. Brown- Grey colour		1.20 m	0%:100%	The top 0.00m to 1.20m of the trial hole does not have any waste present. It appears to be natural ground intermixed with stone.
Clay intermixed with Plastics, bricks. Dark Brown - colour		3.00m	70%:30%	The final 1.20 to 3.00 m of the trial hole contains a significant amount of plastic waste present. It also contains brick waste.
Trial Hole completed at 3.00m BGL				





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	No	End of life vehicle	160104	No
Wooden packaging	200138	No	Oil Filter	160107	No
Metals	200140	Yes	Ferrous Metal	160117	No
Glass Packaging	200102	Yes	Non Ferrous Metal	160118	Yes
Textiles	200111	Yes	Waste containing oil	160708	No
Bricks	170102	Yes	Synthetic Oil	130206	No



		Traynor Environmental Ltd Unit 6, Belturbet Business Park Creeny Belturbet Co. Cavan		Trial Pit Number 16	
Project Kingscourt Historic Landfill located at Dunaree Kingscourt, Co. Cavan		Client Cavan County Council		National Grid Reference E277954 N295713	
Method 12 Ton Track Excavator			Start Date 31 st May 2013		
Description	Legend	Depth	Waste Material : Soil	Waste Material : Soil Notes	
Clay with common rootlets. Clay intermixed with stone. Dark Brown colour		1.50 m	0%:100%	The trial hole contains no waste . Bedrock @ 1.50m BGL.	
Bedrock		1.50m	Bedrock	Bedrock reached at 1.50m BGL	
Trial Hole completed at 1.50m BGL					

Trial Hole Photographs		
Photograph 1 	Photograph 2 	Photograph 3 


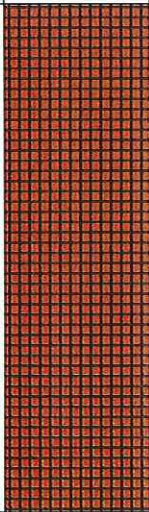

European Waste Code Classification					
Waste Type	EW Code	Present	Waste Type	EW Code	Present
Plastics	200139	No	End of life tyres	160103	No
Paper and Cardboard	200101	No	End of life vehicle	160104	No
Wooden packaging	200138	No	Oil Filter	160107	No
Metals	200140	No	Ferrous Metal	160117	No
Glass Packaging	200102	No	Non Ferrous Metal	160118	No
Textiles	200111	No	Waste containing oil	160708	No
Clothes	200110	No	Synthetic Oil	130206	No




		Traynor Environmental Ltd Unit 6, Belturbet Business Park Creeny Belturbet Co. Cavan		Trial Pit Number 17	
				National Grid Reference E277948 N295709	
Project Kingscourt Historic Landfill located at Dunaree Kingscourt, Co. Cavan				Client Cavan County Council	
Method 12 Ton Track Excavator			Start Date 31 st May 2013		
Description	Legend	Depth	Waste Material : Soil	Waste Material : Soil Notes	
Clay with common rootlets. Clay intermixed with stone. Brown colour		2.60 m	0%:100%	The trial hole contains no waste material.	
Trial Hole completed at 2.60m BGL					

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Trial Hole Photographs		
<u>Photograph 1</u> 	<u>Photograph 2</u> 	<u>Photograph 3</u> 




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
Metals	200140	No	Ferrous Metal	160117	No
Glass Packaging	200102	No	Non Ferrous Metal	160118	No
Textiles	200111	No	Waste containing oil	160708	No
Clothes	200110	No	Synthetic Oil	130206	No

		Traynor Environmental Ltd Unit 6, Belturbet Business Park Creeny Belturbet Co. Cavan		Trial Pit Number 18
Project Kingscourt Historic Landfill located at Dunaree Kingscourt, Co. Cavan		National Grid Reference E277943 N295750		
Method 12 Ton Track Excavator		Start Date 31 st May 2013		
Description		Legend	Depth	Waste Material : Soil
Silt/Clay Brown Colour with common rootlets with large amounts of stone.			1.80m	5%:95%
Bedrock			1.80m	Bedrock
Trial Hole completed at 1.80m BGL				


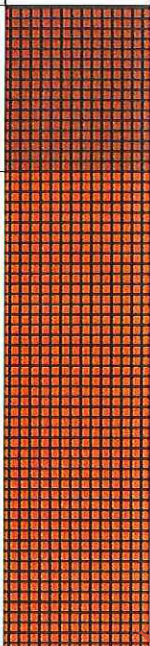
Trial Hole Photographs		
Photograph 1 	Photograph 2 	Photograph 3 




European Waste Code Classification					
Waste Type	EWG Code	Present	Waste Type	EWG 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
Metals	200140	No	Ferrous Metal	160117	No
Glass Packaging	200102	No	Non Ferrous Metal	160118	No
Textiles	200111	No	Waste containing oil	160708	No
Clothes	200110	No	Synthetic Oil	130206	No

		Traynor Environmental Ltd Unit 6, Belturbet Business Park Creeny Belturbet Co. Cavan		Trial Pit Number 19	
				National Grid Reference E277950 N295777	
Project Kingscourt Historic Landfill located at Dunaree Kingscourt, Co. Cavan				Client Cavan County Council	
Method 12 Ton Track Excavator			Start Date 31 st May 2013		
Description Silt/Clay Brown Colour with common rootlets. Clay intermixed with stone.		Depth 1.40m	Waste Material : Soil 0%:100%	Waste Material : Soil Notes The trial hole contains no waste from ground level to 1.40m BGL	
Description Silt/Clay Brown Colour with common rootlets. Clay intermixed with stone.		Depth 2.00m	Waste Material : Soil 20%:80%	Waste Material : Soil Notes The trial hole contains small amounts of. It appears to be natural ground.	
Trial Hole completed at 2.00m BGL					


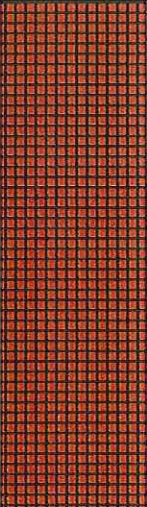

Trial Hole Photographs		
Photograph 1 	Photograph 2 	Photograph 3 

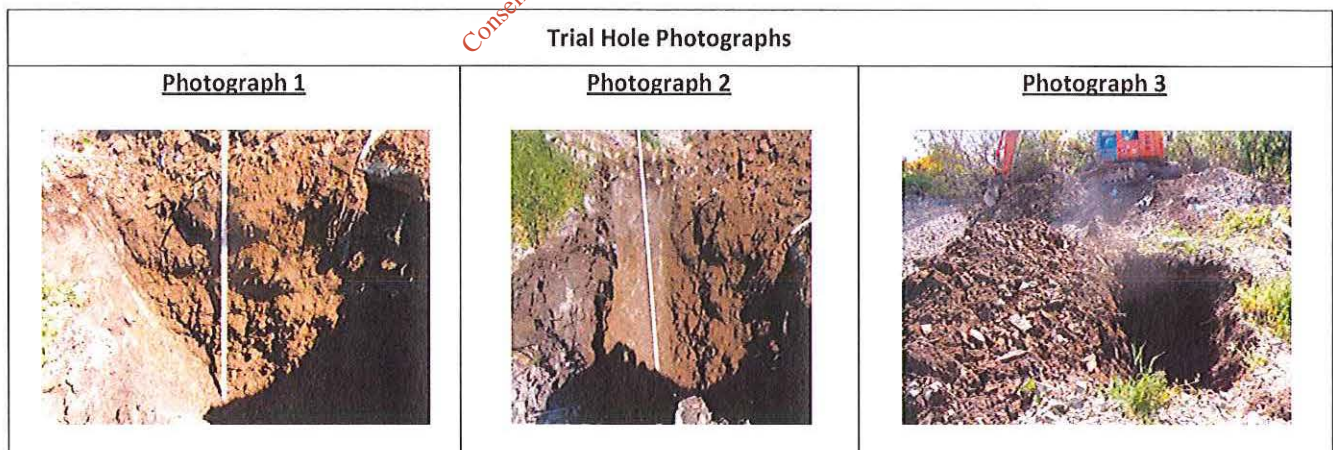
European Waste Code Classification					
Waste Type	EW Code	Present	Waste Type	EW Code	Present
Plastics	200139	No	End of life tyres	160103	No
Paper and Cardboard	200101	No	End of life vehicle	160104	No
Wooden packaging	200138	No	Oil Filter	160107	No
Metals	200140	No	Ferrous Metal	160117	No
Glass Packaging	200102	No	Non Ferrous Metal	160118	No
Textiles	200111	No	Waste containing oil	160708	No
Clothes	200110	No	Synthetic Oil	130206	No

		Traynor Environmental Ltd Unit 6, Belturbet Business Park Creeny Belturbet Co. Cavan		Trial Pit Number 20	
				National Grid Reference E277953 N295774	
Project Kingscourt Historic Landfill located at Dunaree Kingscourt, Co. Cavan				Client Cavan County Council	
Method 12 Ton Track Excavator			Start Date 31 st May 2013		
Description	Legend	Depth	Waste Material : Soil	Waste Material : Soil Notes	
Silt/Clay Brown Colour with common rootlets. (Hole at side of hill, sloping)		0.40m	0%:100%	The top 0.00cm to 0.40cm of the trial hole contains no waste. It appears to be natural ground.	
Clay intermixed with stone. Brown colour.		4.00m	0%:100%	The final 0.40m to 5.00m of the trial hole contains no waste. Trial hole was dug in the side of a steep bank.	
Trial Hole completed at 4.00m 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
Metals	200140	No	Ferrous Metal	160117	No
Glass Packaging	200102	No	Non Ferrous Metal	160118	No
Textiles	200111	No	Waste containing oil	160708	No
Clothes	200110	No	Synthetic Oil	130206	No

		Traynor Environmental Ltd Unit 6, Belturbet Business Park Creeny Belturbet Co. Cavan		Trial Pit Number 21	
				National Grid Reference E277956 N295796	
Project Kingscourt Historic Landfill located at Dunaree Kingscourt, Co. Cavan				Client Cavan County Council	
Method 12 Ton Track Excavator			Start Date 31 st May 2013		
Description	Legend	Depth	Waste Material : Soil	Waste Material : Soil Notes	
Silt/Clay Brown Colour with common rootlets. Clay intermixed with stone.		2.00m	0%:100%	This trial hole contains no waste. It is filled ground.	
Bedrock		2.00m		Bedrock reached at 2.00m	
Trial Hole completed at 2.00m BGL					


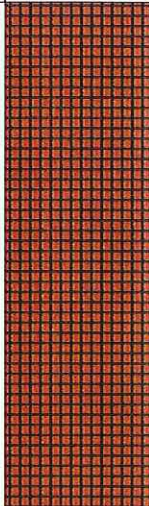






European Waste Code Classification					
Waste Type	EWC Code	Present	Waste Type	EWC Code	Present
Plastics	200139	No	End of life tyres	160103	No
Paper and Cardboard	200101	No	End of life vehicle	160104	No
Wooden packaging	200138	No	Oil Filter	160107	No
Metals	200140	No	Ferrous Metal	160117	No
Glass Packaging	200102	No	Non Ferrous Metal	160118	No
Textiles	200111	No	Waste containing oil	160708	No
Clothes	200110	No	Synthetic Oil	130206	No

		Traynor Environmental Ltd Unit 6, Belturbet Business Park Creeny Belturbet Co. Cavan		Trial Pit Number 22
				National Grid Reference E277968 N295790
Project Kingscourt Historic Landfill located at Dunaree Kingscourt, Co. Cavan				Client Cavan County Council
Method 12 Ton Track Excavator			Start Date 31 st May 2013	
Description	Legend	Depth	Waste Material : Soil	Waste Material : Soil Notes
Silt/Clay Brown Colour with common rootlets intermixed with stone.		3.00m	3%:97%	The trial hole contains very little waste. It appears to be filled ground.
Trial Hole completed at 3.00m BGL				









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
Metals	200140	No	Ferrous Metal	160117	No
Glass Packaging	200102	No	Non Ferrous Metal	160118	No
Textiles	200111	No	Waste containing oil	160708	No
Clothes	200110	No	Synthetic Oil	130206	No

		Traynor Environmental Ltd Unit 6, Belturbet Business Park Creeny Belturbet Co. Cavan		Trial Pit Number 23	
Project Kingscourt Historic Landfill located at Dunaree Kingscourt, Co. Cavan		National Grid Reference E277967 N295727			
Method 12 Ton Track Excavator		Start Date 31 st May 2013			
Description		Legend	Depth	Waste Material : Soil	Waste Material : Soil Notes
Clay very heavily intermixed with rock. Very light Brownish-white colour.			1.20m	0%:100%	The trial hole contains no waste..
Bedrock			1.20m	Bedrock	Bedrock reached at 1.20m BGL
Trial Hole completed at 1.20m BGL					


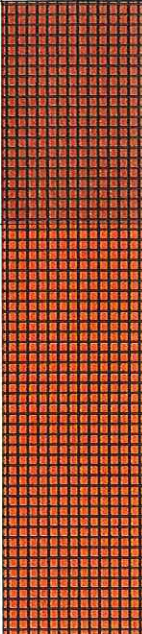
Trial Hole Photographs		
<u>Photograph 1</u> 	<u>Photograph 2</u> 	<u>Photograph 3</u> 



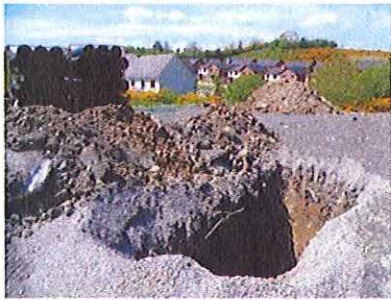
European Waste Code Classification					
Waste Type	EW Code	Present	Waste Type	EW Code	Present
Plastics	200139	No	End of life tyres	160103	No
Paper and Cardboard	200101	No	End of life vehicle	160104	No
Wooden packaging	200138	No	Oil Filter	160107	No
Metals	200140	No	Ferrous Metal	160117	No
Glass Packaging	200102	No	Non Ferrous Metal	160118	No
Textiles	200111	No	Waste containing oil	160708	No
Clothes	200110	No	Synthetic Oil	130206	No

		Traynor Environmental Ltd Unit 6, Belturbet Business Park Creeny Belturbet Co. Cavan		Trial Pit Number 24
Project Kingscourt Historic Landfill located at Dunaree, Kingscourt, Co. Cavan		National Grid Reference E277976 N295736		Client Cavan County Council
Method 12 Ton Track Excavator			Start Date 31 st May 2013	
Description	Legend	Depth	Waste Material : Soil	Waste Material : Soil Notes
Clay of a dark brown - black Colour heavily intermixed with stone.		1.00m	0%:100%	The top 0.00m to 1.00m of the trial hole does not have any waste material present. It appears to be natural ground intermixed with gravel.
Clay intermixed with Plastics, paper, metals, glass, bricks etc. Black colour.		3.00m	95%:99%	The final 1.00m to 3.00m of the trial hole contains a significant amount of plastic waste present. The trial hole also contains a tyre as well as plastic, paper, glass, metal and brick waste. Very bad odour.
Trial Hole completed at 3.00m BGL				


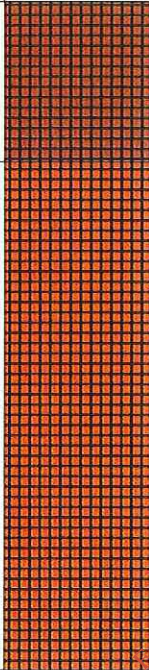
Trial Hole Photographs		
Photograph 1 	Photograph 2 	Photograph 3 

European Waste Code Classification					
Waste Type	EW Code	Present	Waste Type	EW Code	Present
Plastics	200139	Yes	End of life tyres	160103	Yes
Paper and Cardboard	200101	Yes	End of life vehicle	160104	No
Wooden packaging	200138	No	Oil Filter	160107	No
Metals	200140	Yes	Ferrous Metal	160117	Yes
Glass Packaging	200102	Yes	Non Ferrous Metal	160118	Yes
Textiles	200111	Yes	Waste containing oil	160708	No
Bricks	170102	Yes	Synthetic Oil	130206	No

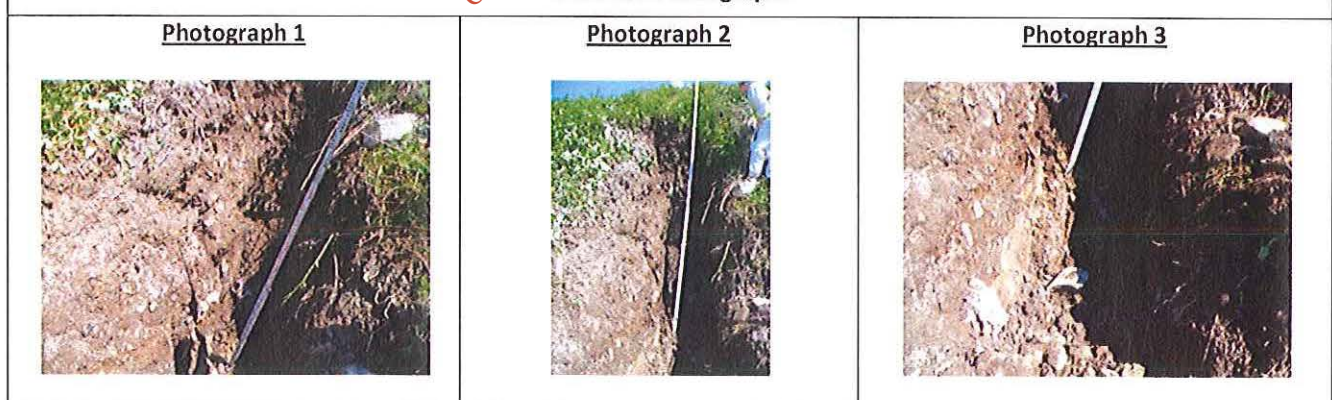
		Traynor Environmental Ltd Unit 6, Belturbet Business Park Creeny Belturbet Co. Cavan		Trial Pit Number 25
Project Kingscourt Historic Landfill located at Dunaree, Kingscourt, Co. Cavan		National Grid Reference E277974 N295756		
Method 12 Ton Track Excavator		Client Cavan County Council		
Start Date 31 st May 2013				
Description	Legend	Depth	Waste Material : Soil	Waste Material : Soil Notes
Clay with common rootlets. Dark brown - black Colour heavily intermixed with stone.		1.00m	0%:100%	The top 0.00m to 1.00m of the trial hole does not have any waste present. It appears to be natural ground intermixed with gravel.
Clay of a dark brown- orange colour intermixed with stone		3.20m	0%:100%	The final 1.00m to 3.20m of the trial hole contains no waste material.
Trial Hole completed at 3.20m BGL				

Trial Hole Photographs		
Photograph 1 	Photograph 2 	Photograph 3 

European Waste Code Classification					
Waste Type	EWG Code	Present	Waste Type	EWG 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
Metals	200140	No	Ferrous Metal	160117	No
Glass Packaging	200102	No	Non Ferrous Metal	160118	No
Textiles	200111	No	Waste containing oil	160708	No
Bricks	170102	No	Synthetic Oil	130206	No


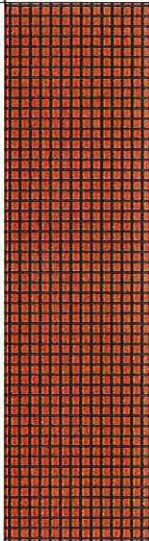
		Traynor Environmental Ltd Unit 6, Belturbet Business Park Creeny Belturbet Co. Cavan		Trial Pit Number 26	
Project Kingscourt Historic Landfill located at Dunaree Kingscourt, Co. Cavan				National Grid Reference E277951 N295756	
Method 12 Ton Track Excavator		Start Date 31 st May 2013		Client Cavan County Council	
Description	Legend	Depth	Waste Material : Soil	Waste Material : Soil Notes	
Silt/Clay Brown Colour with common rootlets. (Trial hole dug at side of hill, very sloping).		0.40m	0%:100%	The trial hole contains no waste material. It appears to be natural ground.	
Clay intermixed with stone. Brown- Orange colour.		2.40m	10%:90%	The final 0.40m to 2.80m of the trial hole contains a small amounts of plastic waste.	
Trial Hole completed at 2.80m BGL					

Trial Hole Photographs







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
Metals	200140	No	Ferrous Metal	160117	No
Glass Packaging	200102	No	Non Ferrous Metal	160118	No
Textiles	200111	No	Waste containing oil	160708	No
Clothes	200110	No	Synthetic Oil	130206	No

		Traynor Environmental Ltd Unit 6, Belturbet Business Park Creeny Belturbet Co. Cavan		Trial Pit Number 27	
Project Kingscourt Historic Landfill located at Dunaree Kingscourt, Co. Cavan		National Grid Reference E277972 N295695			
Method 12 Ton Track Excavator		Start Date 31 st May 2013			
Description		Legend	Depth	Waste Material : Soil	Waste Material : Soil Notes
Clay intermixed with shale rock. Brown - Orange colour.			1.20m	0%:100%	The trial hole contains no waste material. It appears to be natural ground.
Trial Hole completed at 1.20m BGL					


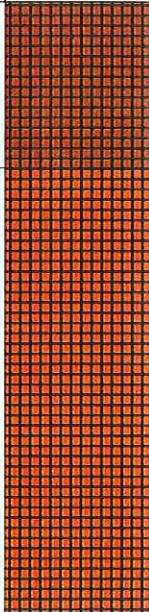


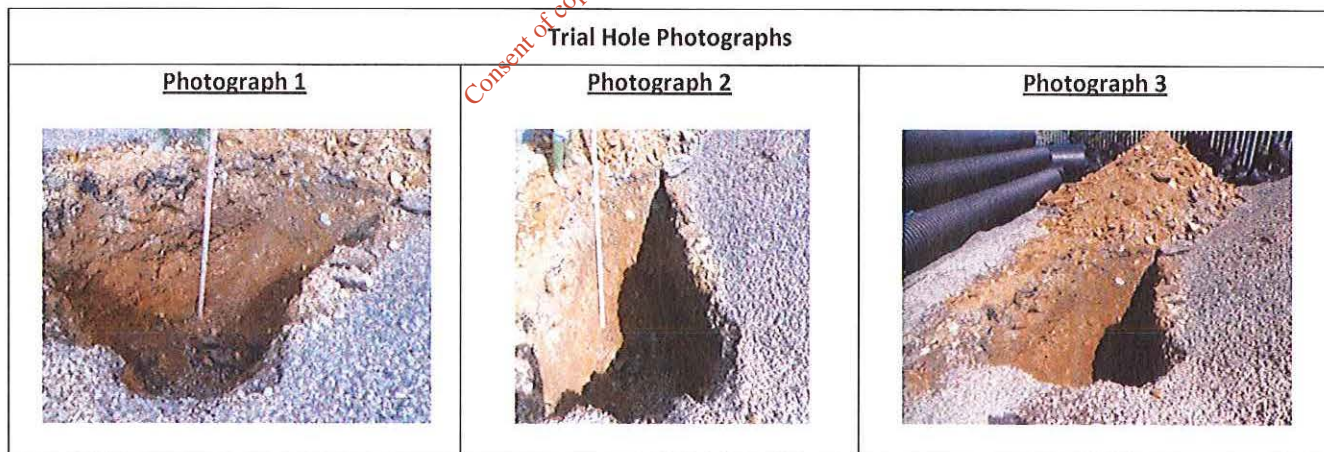
European Waste Code Classification					
Waste Type	EWC Code	Present	Waste Type	EWC Code	Present
Plastics	200139	No	End of life tyres	160103	No
Paper and Cardboard	200101	No	End of life vehicle	160104	No
Wooden packaging	200138	No	Oil Filter	160107	No
Metals	200140	No	Ferrous Metal	160117	No
Glass Packaging	200102	No	Non Ferrous Metal	160118	No
Textiles	200111	No	Waste containing oil	160708	No
Clothes	200110	No	Synthetic Oil	130206	No

		Traynor Environmental Ltd Unit 6, Belturbet Business Park Creeny Belturbet Co. Cavan		Trial Pit Number 28
Project Kingscourt Historic Landfill located at Dunaree Kingscourt, Co. Cavan		Method 12 Ton Track Excavator		National Grid Reference E277921 N295770
Client Cavan County Council		Start Date 31 st May 2013		
Description	Legend	Depth	Waste Material : Soil	Waste Material : Soil Notes
Silt/Clay, Brown in Colour with common rootlets and stone.		0.30m	0%:100%	The top 0.30m of the trial hole contains no waste. It appears to be natural ground.
Silt/Clay, Brown in Colour with common rootlets and stone. Intermixed with small amounts of plastic bags, bottles, insulation waste.		2.30m	10%:90%	The trial hole contains little waste. There is a minimal amount of plastic bags, bottles and insulation waste present. A bicycle was however present in the hole.
Bedrock		2.60m		Bedrock reached at 2.60m BGL
Trial Hole completed at 2.60m BGL				


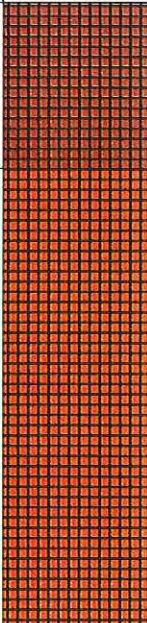
Trial Hole Photographs		
Photograph 1 	Photograph 2 	Photograph 3 

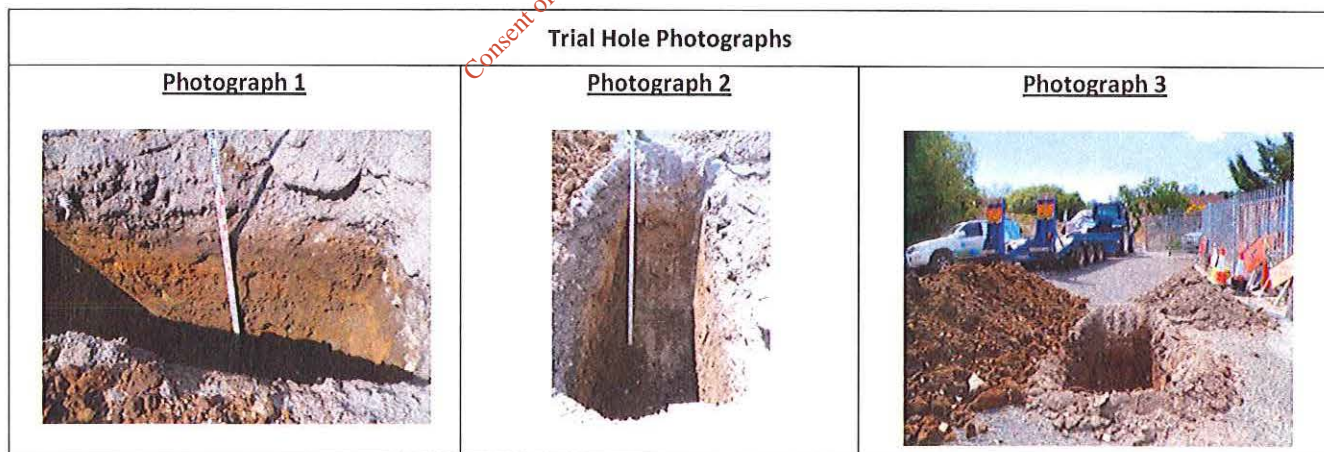
European Waste Code Classification					
Waste Type	EWG Code	Present	Waste Type	EWG Code	Present
Plastics	200139	No	End of life tyres	160103	No
Paper and Cardboard	200101	No	End of life vehicle	160104	No
Wooden packaging	200138	No	Oil Filter	160107	No
Metals	200140	No	Ferrous Metal	160117	No
Glass Packaging	200102	No	Non Ferrous Metal	160118	No
Textiles	200111	No	Waste containing oil	160708	No
Clothes	200110	No	Synthetic Oil	130206	No

		Traynor Environmental Ltd Unit 6, Belturbet Business Park Creeny Belturbet Co. Cavan		Trial Pit Number 29	
Project Kingscourt Historic Landfill located at Dunaree Kingscourt, Co. Cavan				Client Cavan County Council	
Method 12 Ton Track Excavator			Start Date 31 st May 2013		
Description	Legend	Depth	Waste Material : Soil	Waste Material : Soil Notes	
Clay Brown Colour intermixed with gravel		0.25m	0%:100%	The top 0.00m to 0.25m of the trial hole does not have any waste present. It is a gravelly surface.	
Clay intermixed with stone. Brown- Orange colour.		1.60m	0%:100%	The final 0.25m to 1.6m of the trial hole does not have any waste material. It appears to be natural ground which is stony in nature.	
Trial Hole completed at 1.60m BGL					


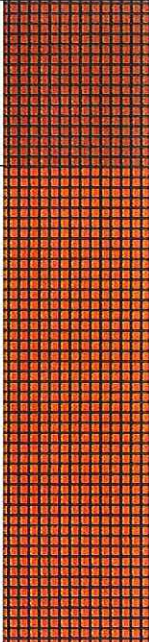


European Waste Code Classification					
Waste Type	EWG Code	Present	Waste Type	EWG Code	Present
Plastics	200139	No	End of life tyres	160103	No
Paper and Cardboard	200101	No	End of life vehicle	160104	No
Wooden packaging	200138	No	Oil Filter	160107	No
Metals	200140	No	Ferrous Metal	160117	No
Glass Packaging	200102	No	Non Ferrous Metal	160118	No
Textiles	200111	No	Waste containing oil	160708	No
Clothes	200110	No	Synthetic Oil	130206	No

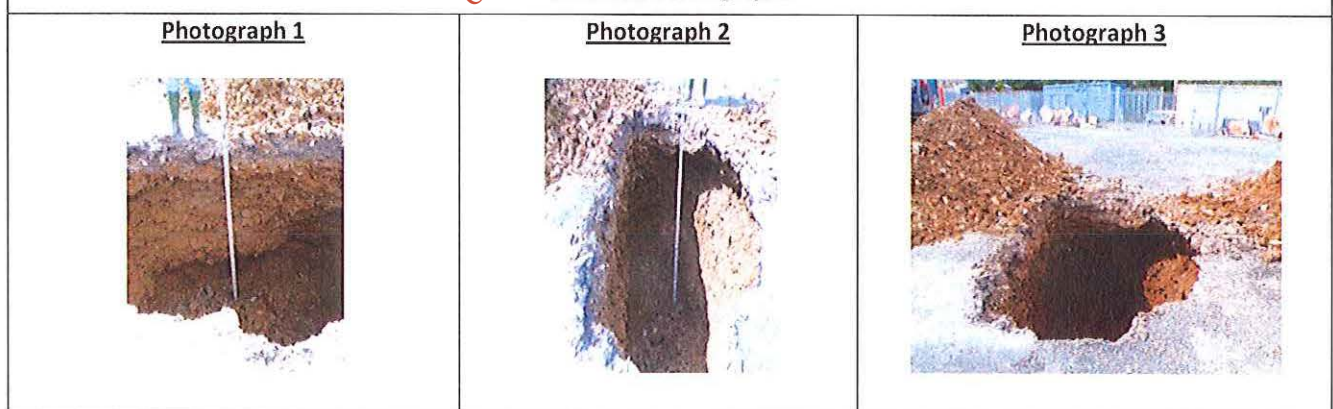
	Traynor Environmental Ltd Unit 6, Belturbet Business Park Creeny Belturbet Co. Cavan		Trial Pit Number 30	
			National Grid Reference E278004 N295810	
Project Kingscourt Historic Landfill located at Dunaree Kingscourt, Co. Cavan			Client Cavan County Council	
Method 12 Ton Track Excavator		Start Date 31 st May 2013		
Description	Legend	Depth	Waste Material : Soil	Waste Material : Soil Notes
Clay intermixed with gravel.		0.40m	0%:100%	The top 0.00m to 0.40 m of the trial hole does not have any waste present. It is a gravelly surface.
Clay intermixed with stone. Brown- Orange colour.		2.60m	0%:100%	The final 0.25m to 1.6m of the trial hole does not have any waste material present. It appears to be natural ground that is very stony in nature.
Trial Hole completed at 2.60m BGL				



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
Metals	200140	No	Ferrous Metal	160117	No
Glass Packaging	200102	No	Non Ferrous Metal	160118	No
Textiles	200111	No	Waste containing oil	160708	No
Clothes	200110	No	Synthetic Oil	130206	No




	Traynor Environmental Ltd Unit 6, Belturbet Business Park Creeny Belturbet Co. Cavan		Trial Pit Number 31	
			National Grid Reference E278017 N295811	
Project Kingscourt Historic Landfill located at Dunaree Kingscourt, Co. Cavan			Client Cavan County Council	
Method 12 Ton Track Excavator		Start Date 31 st May 2013		
Description	Legend	Depth	Waste Material : Soil	Waste Material : Soil Notes
Clay Brown Colour intermixed with gravel.		0.25m	0%:100%	The top 0.00m to 0.25 m of the trial hole does not have any waste present. It is a gravelly surface.
Clay intermixed with stone. Brown- Orange colour.		2.80m	0%:100%	The final 0.25m to 2.80m of the trial hole does not have any waste material present. It appears to be natural ground that is very stony in nature.
Trial Hole completed at 2.80m BGL				

Trial Hole Photographs



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
Metals	200140	No	Ferrous Metal	160117	No
Glass Packaging	200102	No	Non Ferrous Metal	160118	No
Textiles	200111	No	Waste containing oil	160708	No
Clothes	200110	No	Synthetic Oil	130206	No

		Traynor Environmental Ltd Unit 6, Belturbet Business Park Creeny Belturbet Co. Cavan		Trial Pit Number 32	
				National Grid Reference E278002 N295797	
Project Kingscourt Historic Landfill located at Dunaree Kingscourt, Co. Cavan				Client Cavan County Council	
Method 12 Ton Track Excavator			Start Date 31 st May 2013		
Description	Legend	Depth	Waste Material : Soil	Waste Material : Soil Notes	
Silt/Clay Brown colour with common rootlets intermixed with stone. Trial hole dug on slope.		1.20m	0%:100%	This trial hole does not contain any waste material. It appears to be natural ground.	
Bedrock		1.20m		Bedrock was reached at 1.20m BGL	
Trial Hole completed at 1.20m BGL					



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
Metals	200140	No	Ferrous Metal	160117	No
Glass Packaging	200102	No	Non Ferrous Metal	160118	No
Textiles	200111	No	Waste containing oil	160708	No
Clothes	200110	No	Synthetic Oil	130206	No