



Priority Geotechnical Ltd.
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Trial Pit No
TP19
 Sheet 1 of 1

Project Name: Fassaroe Historic Landfills

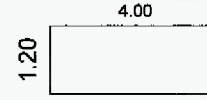
Project No.
 P15180

Co-ords: 723059.40 - 718333.16
 Level: 92.69

Date
 09/12/2015

Location: Co. Wicklow

Dimensions (m):



Scale
 1:25

Client: RPS

Depth:
 4.50

Logged
 DM

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
				0.30	92.39		(MADE GROUND) Topsoil
				0.90	91.79		(MADE GROUND) Firm grey slightly gravelly, sandy Clay. <small>0.30m bgl to 4.50m bgl Engineer described strong unidentified odour</small>
	2.00	ES					(MADE GROUND) Waste described as plastics, household waste, glass, timber, textiles including rugs, rubber tyres and pipes.
				4.50	88.19		End of Pit at 4.50m

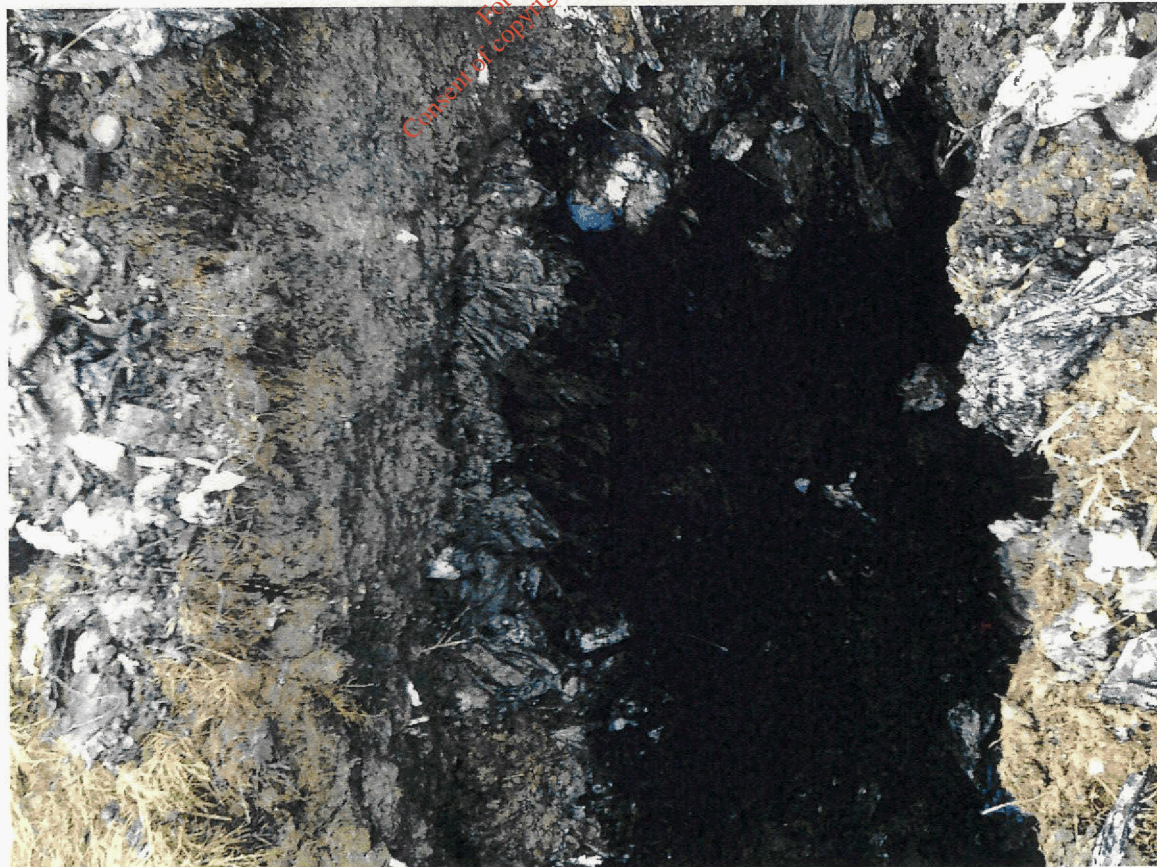
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Stability: Moderate
 Plant: 13t tracked machine
 Backfill: Arisings

Groundwater: None encountered

Remarks: Trial pit terminated at 4.50m bgl at the maximum reach of the digger.

FASSAROE Trial Pit Photographic Record



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Number:

TP19

Project
Project No
Engineer

Fassaroe Co. Wicklow
P15180
RPS Consulting

FASSAROE Trial Pit Photographic Record



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Number:

TP19

**Project
Project No
Engineer**

Fassaroe Co. Wicklow
P15180
RPS Consulting



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Trial Pit No
TP20
 Sheet 1 of 1

Project Name: Fassaroe Historic Landfills
 Project No: P15180
 Co-ords: 722705.01 - 718384.46
 Level: 105.13
 Date: 10/12/2015

Location: Co. Wicklow
 Client: RPS
 Dimensions (m): 4.00
 Depth: 4.50
 Scale: 1:25
 Logged: DM

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
				0.10	105.03		(MADE GROUND) Topsoil
				1.20	103.93		(MADE GROUND) Grey firm slightly gravelly, sandy Silt with occasional plastic fragments. Gravel is fine to coarse and sub-angular. Sand is fine to coarse. <i>0.10m bgl to 4.50m bgl Engineer notes slight unidentified odour.</i>
				2.10	103.03		(MADE GROUND) Slightly gravelly, silty Sand. Gravel is fine to coarse and sub-rounded. Sand is fine to coarse.
	4.00	ES		4.50	100.63		(MADE GROUND) Waste described as household waste in a sandy Silt matrix. Sand is fine to medium. Engineer describes more Silt content than waste content.
							End of Pit at 4.50m

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Stability: Good
 Plant: 13t tracked machine
 Backfill: Arisings
 Groundwater: None encountered

Remarks: Trial pit terminated at 4.5m bgl at the maximum reach of the digger.

FASSAROE Trial Pit Photographic Record



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Number:

TP20

Project
Project No
Engineer

Fassaroe Co. Wicklow
P15180
RPS Consulting

FASSAROE Trial Pit Photographic Record



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Number: TP20	Project Fassaroe Co. Wicklow Project No P15180 Engineer RPS Consulting	
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Project Name: Fassaroe Historic Landfills **Project No.:** P15180 **Co-ords:** 722764.01 - 718385.63
Level: 103.15 **Date:** 10/12/2015

Location: Co. Wicklow **Dimensions (m):** **Scale:** 1:25
Client: RPS **Depth:** 4.50 **Logged:** DM

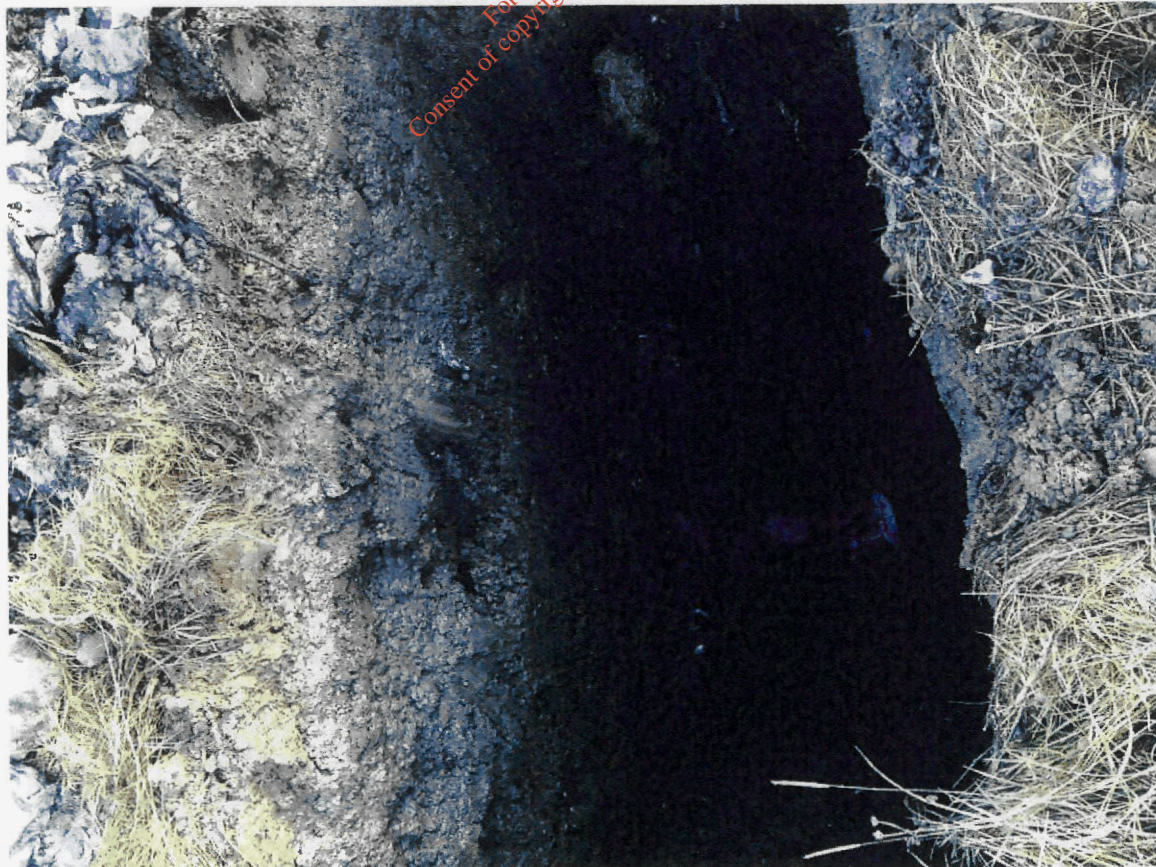
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
				1.00	102.15		(MADE GROUND) Firm dark grey slightly gravelly, sandy Silt. Gravel is fine to coarse and sub-rounded. Sand is fine to coarse.
				2.20	100.95		(MADE GROUND) Firm grey very sandy Silt with occasional plastic fragments. Sand is fine to coarse.
	3.00	ES					(MADE GROUND) Waste described as rubber, glass, paper and household waste. 2.20m bgl to 4.50m bgl Engineer noted strong unidentified odour
				4.50	98.65		End of Pit at 4.50m

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Stability: Moderate **Groundwater:** None encountered
Plant: 13t tracked machine
Backfill: Arisings

Remarks: Trial pit terminated at 4.50m bgl at the maximum reach of the digger.

FASSAROE Trial Pit Photographic Record



Number:

TP21

Project
Project No
Engineer

Fassaroe Co. Wicklow
P15180
RPS Consulting

FASSAROE Trial Pit Photographic Record



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Number:

TP21

Project
Project No
Engineer

Fassaroe Co. Wicklow
P15180
RPS Consulting

Project Name: Fassaroe Historic Landfills	Project No.: P15180	Co-ords: 722808.05 - 718372.09 Level: 102.30	Date: 10/12/2015
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Location: Co. Wicklow	Dimensions (m): 4.50 1.20	Scale: 1:25
Client: RPS	Depth: 4.50	Logged: DM

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
							Topsoil
				0.50	101.80		Grey slightly gravelly, very silty Sand. Gravel is fine to coarse and sub-angular to sub-rounded. Sand is fine to medium.
	1.50	ES					At 1.10m bgl thin layer of plastics
				2.60	99.70		Soft grey slightly gravelly, very sandy SILT. Gravel is fine to coarse and sub-angular. Sand is fine to coarse.
				3.60	98.70		Soft grey slightly gravelly, very sandy SILT with peat lenses. Gravel is fine to coarse and sub-angular. Sand is fine to coarse.
				4.50	97.80		End of Pit at 4.50m

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Stability: Good	Groundwater: None encountered
Plant: 13t tracked machine	
Backfill: Arisings	

Remarks: Trial pit terminated at 4.50m bgl at the maximum reach of the digger.

FASSAROE Trial Pit Photographic Record



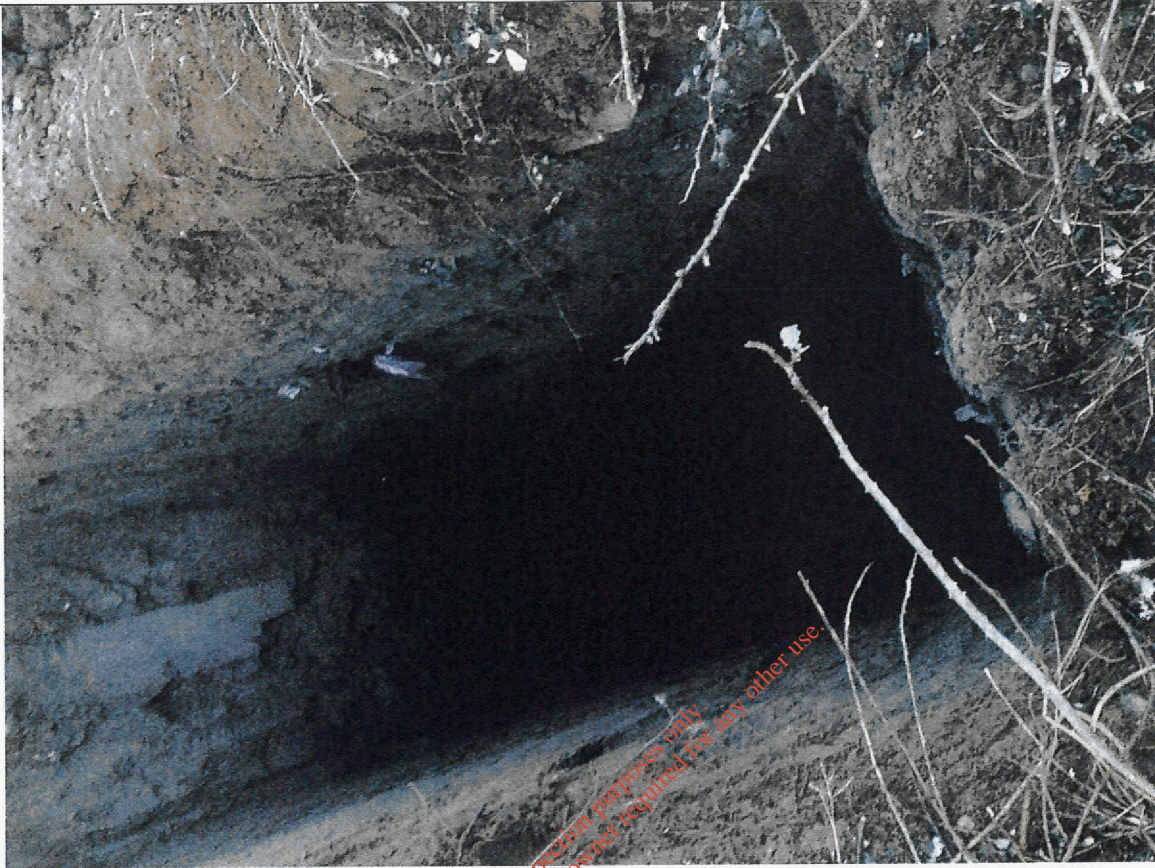
Number:

TP22

**Project
Project No
Engineer**

Fassaroe Co. Wicklow
P15180
RPS Consulting

FASSAROE Trial Pit Photographic Record



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Number:

TP22

Project
Project No
Engineer

Fassaroe Co. Wicklow
P15180
RPS Consulting

Project Name: Fassaroe Historic Landfills	Project No.: P15180	Co-ords: 722761.86 - 718310.22	Date: 09/12/2015
Location: Co. Wicklow		Level: 103.65	Scale: 1:25
Client: RPS		Dimensions (m): 1.20 x 4.00	Logged: DM
		Depth: 4.50	

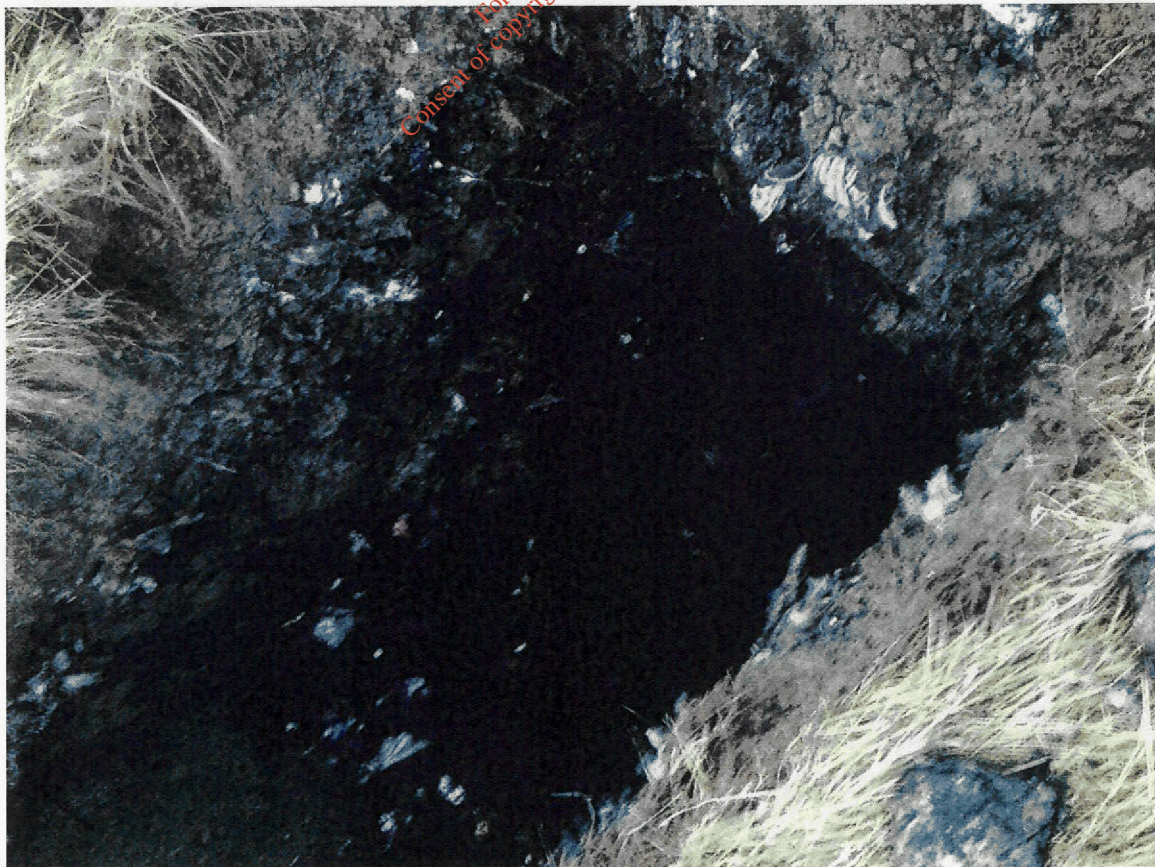
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
				0.20	103.45		(MADE GROUND) Topsoil
				0.50	103.15		(MADE GROUND) Firm grey gravelly Clay.
				1.00	102.65		(MADE GROUND) Waste described as plastics, paper, metal, textiles, footwear and general household waste with low clay content. <i>0.50m bgl to 4.50m bgl Engineer noted strong unidentified odour.</i>
				1.70	101.95		(MADE GROUND) Grey sandy Silt. Sand is fine to coarse.
	2.50	ES					(MADE GROUND) Waste described as plastics, paper, metal, textiles, footwear and general household waste.
				4.50	99.15		End of Pit at 4.50m

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Stability: Moderate
Plant: 13t tracked machine
Backfill: Arisings
Remarks: Trial pit terminated at 4.50m bgl at the maximum reach of the digger.

Groundwater: GW (Possible leachate) strike at 4.0m bgl. Flowrate: slow.

FASSAROE Trial Pit Photographic Record



Number: TP23	Project Fassaroe Co. Wicklow Project No P15180 Engineer RPS Consulting	
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FASSAROE Trial Pit Photographic Record



Number:

TP23

**Project
Project No
Engineer**

Fassaroe Co. Wicklow
P15180
RPS Consulting

Project Name: Fassaroe Historic Landfills **Project No.:** P15180 **Co-ords:** 722687.96 - 718312.14
Level: 105.53 **Date:** 10/12/2015

Location: Co. Wicklow **Dimensions (m):** **Scale:** 1:25

Client: RPS **Depth:** 4.50 **Logged:** DM

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
				0.60	104.93		(MADE GROUND) Topsoil
	2.00	ES					(MADE GROUND) Waste described as car tyre, plastics, perspex, metals, wire, paper and household waste in a black clay matrix. <i>0.60m bgl to 4.50m bgl Engineer noted slight unidentified odour</i>
				4.50	101.03		End of Pit at 4.50m

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Stability: Moderate **Groundwater:** GW (possible leachate) strike @ 3.0m bgl. Flowrate: slow
Plant: 13t tracked machine

Backfill: Arisings

Remarks: Trial pit terminated at 4.45m bgl at the maximum reach of the digger.

FASSAROE Trial Pit Photographic Record



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Number: TP24	Project Fassaroe Co. Wicklow Project No P15180 Engineer RPS Consulting	
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FASSAROE Trial Pit Photographic Record



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Number:

TP24

Project
Project No
Engineer

Fassaroe Co. Wicklow
P15180
RPS Consulting



Project Name: Fassaroe Historic Landfills	Project No.: P15180	Co-ords: 722707.43 - 718045.32 Level: 100.98	Date: 10/12/2015
Location: Co. Wicklow		Dimensions (m): 1.20 x 4.00	Scale: 1:25
Client: RPS		Depth: 4.50	Logged: DM

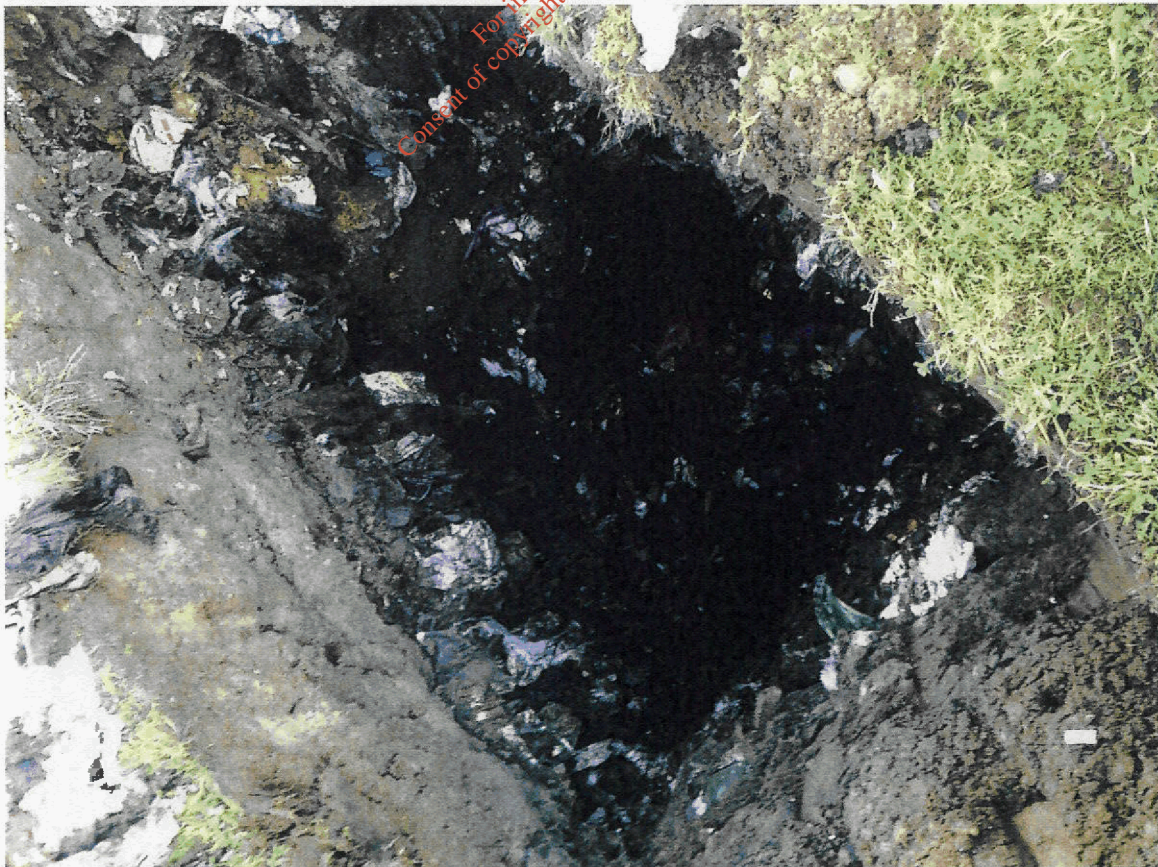
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
				0.30	100.68		(MADE GROUND) Topsoil
				0.80	100.18		(MADE GROUND) Firm blue/grey slightly gravelly, sandy Silt. Gravel is fine to coarse and sub-angular. Sand is fine to coarse. <i>0.30m bgl to 4.50m bgl Engineer noted strong unidentified odour.</i>
							(MADE GROUND) Waste described as household waste, plastics, glass, paper, timber, textiles and footwear with some slightly gravelly very sandy Silt. Waste dates to 1992.
	2.50	ES					
				4.50	96.48		End of Pit at 4.50m

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Stability: Good
Plant: 13t tracked machine
Backfill: Arisings
Groundwater: None encountered

Remarks: Trial pit terminated at 4.50m bgl at the maximum reach of the digger.

FASSAROE Trial Pit Photographic Record



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Number: TP25	Project Fassaroe Co. Wicklow Project No P15180 Engineer RPS Consulting	
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FASSAROE Trial Pit Photographic Record



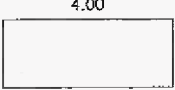
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Number: TP25	Project Fassaroe Co. Wicklow Project No P15180 Engineer RPS Consulting	
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Trial Pit No
TP26
 Sheet 1 of 1

Project Name: Fassaroe Historic Landfills	Project No.: P15180	Co-ords: 722708.27 - 718080.97 Level: 99.72	Date: 10/12/2015
Location: Co. Wicklow		Dimensions (m): 4.00 1.20 	Scale: 1:25
Client: RPS			Depth: 4.50

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
				0.40	99.32		(MADE GROUND) Topsoil
				1.20	98.52		(MADE GROUND) Firm grey gravelly Silt.
	2.50	ES					(MADE GROUND) Waste described as plastics, household refuse, paper, metals, timber and textiles.
				4.50	95.22		End of Pit at 4.50m

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Stability: Moderate
Plant: 13t tracked machine
Backfill: Arisings
Remarks: Trial pit terminated at 4.50m bgl at the maximum reach of the digger.

Groundwater: None encountered

FASSAROE Trial Pit Photographic Record



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Number:

TP26

**Project
Project No
Engineer**

Fassaroe Co. Wicklow
P15180
RPS Consulting

FASSAROE Trial Pit Photographic Record



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Number:	TP26	Project	Fassaroe Co. Wicklow
		Project No	P15180
		Engineer	RPS Consulting



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Trial Pit No
TP27
 Sheet 1 of 1

Project Name: Fassaroe Historic Landfills	Project No.: P15180	Co-ords: 722758.68 - 718109.21 Level: 99.54	Date: 10/12/2015
Location: Co. Wicklow		Dimensions (m): 1.20 x 4.00	Scale: 1:25
Client: RPS		Depth: 4.50	Logged: DM

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
				0.40	99.14		Topsoil
				0.90	98.64		Grey blue sandy GRAVEL. Gravel is fine to coarse and sub-rounded.
							Brown slightly gravelly SAND. Gravel is fine to coarse and sub-rounded. Sand is fine to medium.
	2.50	ES					
				4.50	95.04		End of Pit at 4.50m

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Stability: Good
Plant: 13t tracked machine
Backfill: Arisings
Groundwater: None encountered

Remarks: Trial pit terminated at 4.50m bgl at the maximum reach of the digger.

FASSAROE Trial Pit Photographic Record



Number:	TP27	Project	Fassaroe Co. Wicklow
		Project No	P15180
		Engineer	RPS Consulting

FASSAROE Trial Pit Photographic Record



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Number:	TP27	Project	Fassaroe Co. Wicklow
		Project No	P15180
		Engineer	RPS Consulting

Project Name: Fassaroe Historic Landfills	Project No.: P15180	Co-ords: 722757.06 - 718081.29 Level: 99.58	Date: 10/12/2015
Location: Co. Wicklow	Dimensions (m): 1.20 x 4.00		Scale: 1:25
Client: RPS	Depth: 3.50		Logged: DM

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
							(MADE GROUND) Topsoil
				0.40	99.18		(MADE GROUND) Grey gravelly Clay. Gravel is fine to coarse and sub-angular. <i>0.40m bgl to 3.50m bgl Engineer noted strong unidentified odour</i>
				0.70	98.88		(MADE GROUND) Waste described as plastics, paper, household waste, copper, glass and textiles.
	2.00	ES					
				3.50	96.08		End of Pit at 3.50m

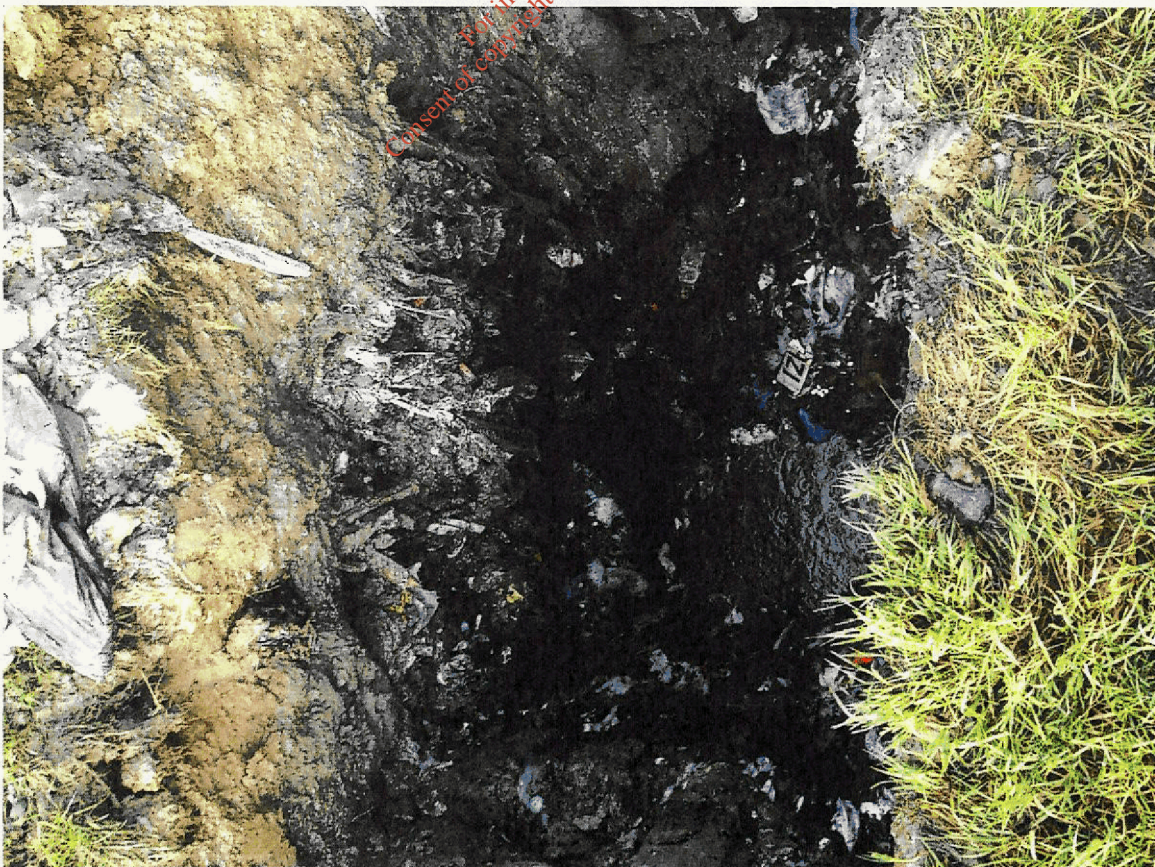
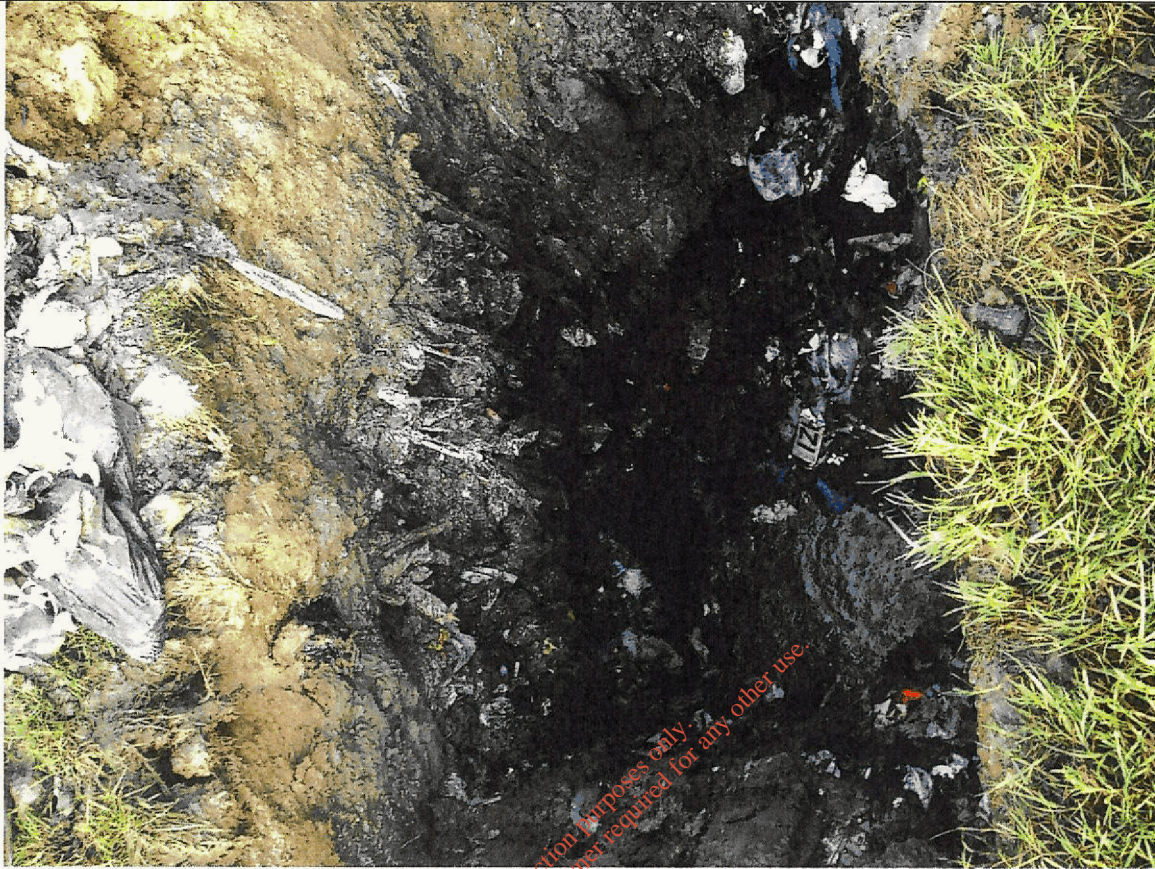
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Stability: Moderate
Plant: 13t tracked machine
Backfill: Arising

Groundwater: Surface water in field flowed into pit during excavation. Refer to trial pit photograph for details.

Remarks: Trial pit terminated at 3.50m bgl due to surface water that filled pit.

FASSAROE Trial Pit Photographic Record



Number:

TP28

Project
Project No
Engineer

Fassaroe Co. Wicklow
P15180
RPS Consulting

FASSAROE Trial Pit Photographic Record



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Number:	TP28	Project	Fassaroe Co. Wicklow
		Project No	P15180
		Engineer	RPS Consulting

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