SOIL CHEMICAL ANALYSIS REPORT FOR FIELD - 1

MR ROB PIGGOTT
TRADE EFFLUENT SERVICES
HUGMOOR HOUSE
HUGMOOR
LLANYPWLL
WREXHAM LL13 9YE

F990

Please quote above code for all enquiries

C BECKETT

SOIL

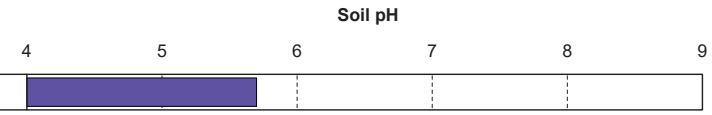
Date Received	05-MAR-2026
Date Reported	16-MAR-2026

Laboratory References

Report Number	43392
Sample Number	786781

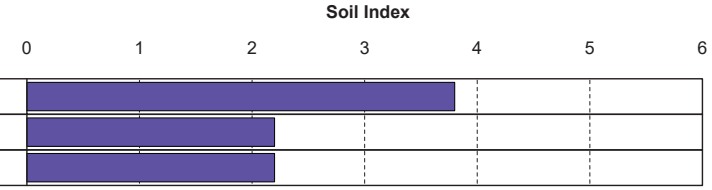
ANALYTICAL RESULTS *on 'dry matter' basis.*

pH (1)



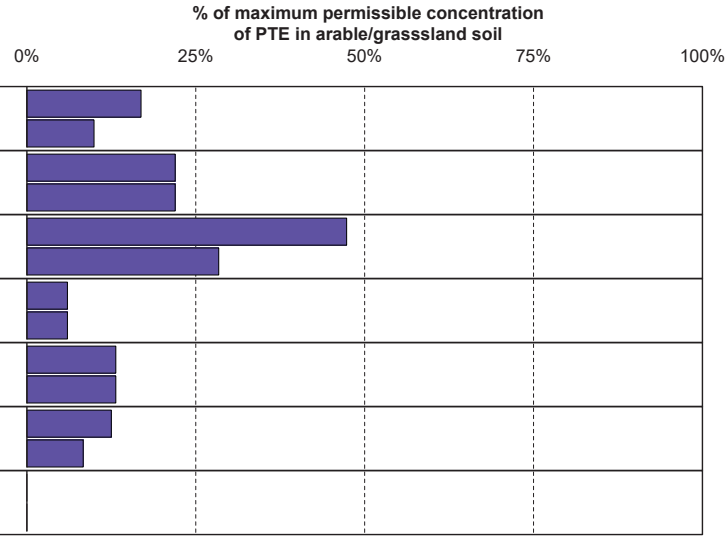
Determinand	Result
Soil pH	5.7

Soil Nutrients (1)



Determinand	Result mg/litre	Soil Index
Available Phosphorus	43.2	3
Available Potassium	151	2-
Available Magnesium	65.1	2

Potentially Toxic Elements (2)



Determinand	Result mg/kg		Maximum mg/kg
Total Copper	16.9	Arable	100
		Grassland	170
Total Zinc	43.9	Arable	200
		Grassland	200
Total Nickel	28.4	Arable	60
		Grassland	100
Total Cadmium	0.18	Arable	3
		Grassland	3
Total Lead	39.5	Arable	300
		Grassland	300
Total Chromium	50.0	Arable	400
		Grassland	600
Total Mercury	<0.2	Arable	1
		Grassland	1.5

(1) Recommendations for liming and fertiliser should be obtained from Defra's Fertiliser Manual (RB209). The analytical methods used are as described in Defra's RB427.

(2) Concentration of Potentially Toxic Elements (PTE, commonly referred to as 'heavy metals') are in mg/kg dry soil. The maximum and the percentage of this maximum permissible concentration of PTE in soil are derived from the values in Defra's Code of Practice for Agricultural Use of Sewage Sludge (England & Wales) 1996. If applying organic manures to this soil it is important to ensure the soil is managed with a pH no less than 5.0, and that the PTE maximum values are not exceeded following the application. For soil where the pH value is less than 5.2, a FACTS Qualified Adviser should be consulted. Further details are provided in the Sludge Code.

Released by Gina Graham Date 16/03/26

SOIL CHEMICAL ANALYSIS REPORT FOR FIELD - 2

MR ROB PIGGOTT
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WREXHAM LL13 9YE

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Please quote above code for all enquiries

C BECKETT

SOIL

Date Received	05-MAR-2026
Date Reported	16-MAR-2026

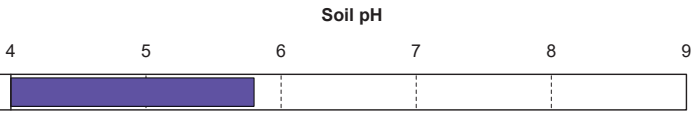
Laboratory References

Report Number	43392
Sample Number	786782

ANALYTICAL RESULTS *on 'dry matter' basis.*

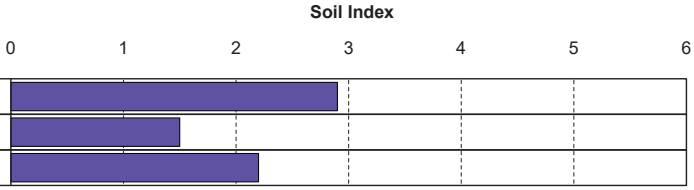
pH (1)

Determinand	Result
Soil pH	5.8



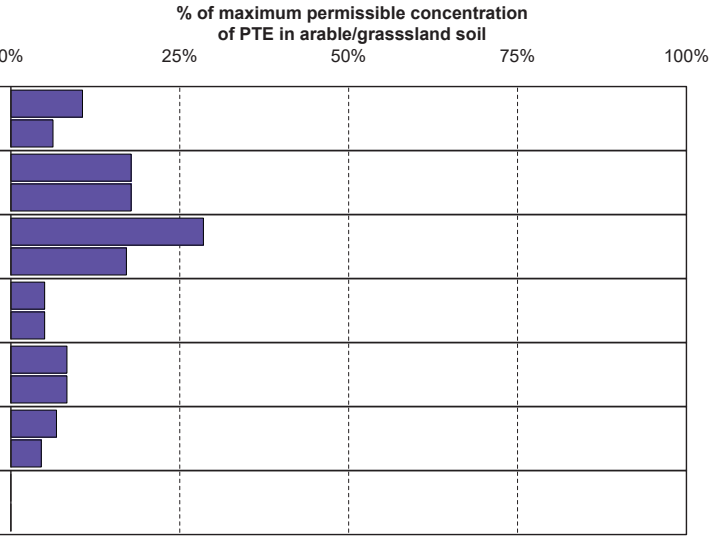
Soil Nutrients (1)

Determinand	Result mg/litre	Soil Index
Available Phosphorus	25.4	2
Available Potassium	93.4	1
Available Magnesium	62.0	2



Potentially Toxic Elements (2)

Determinand	Result mg/kg		Maximum mg/kg
Total Copper	10.6	Arable	100
		Grassland	170
Total Zinc	35.6	Arable	200
		Grassland	200
Total Nickel	17.1	Arable	60
		Grassland	100
Total Cadmium	0.15	Arable	3
		Grassland	3
Total Lead	24.9	Arable	300
		Grassland	300
Total Chromium	27.0	Arable	400
		Grassland	600
Total Mercury	<0.2	Arable	1
		Grassland	1.5



(1) Recommendations for liming and fertiliser should be obtained from Defra's Fertiliser Manual (RB209). The analytical methods used are as described in Defra's RB427.

(2) Concentration of Potentially Toxic Elements (PTE, commonly referred to as 'heavy metals') are in mg/kg dry soil. The maximum and the percentage of this maximum permissible concentration of PTE in soil are derived from the values in Defra's Code of Practice for Agricultural Use of Sewage Sludge (England & Wales) 1996. If applying organic manures to this soil it is important to ensure the soil is managed with a pH no less than 5.0, and that the PTE maximum values are not exceeded following the application. For soil where the pH value is less than 5.2, a FACTS Qualified Adviser should be consulted. Further details are provided in the Sludge Code.

Released by *Gina Graham* Date *16/03/26*

SOIL CHEMICAL ANALYSIS REPORT FOR FIELD - 4

MR ROB PIGGOTT
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WREXHAM LL13 9YE

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C BECKETT

SOIL

Date Received	05-MAR-2026
Date Reported	16-MAR-2026

Laboratory References

Report Number	43392
Sample Number	786784

ANALYTICAL RESULTS *on 'dry matter' basis.*

pH (1)

Determinand	Result	Soil pH 4 5 6 7 8 9
Soil pH	6.1	

Soil Nutrients (1)

Determinand	Result mg/litre	Soil Index	Soil Index 0 1 2 3 4 5 6
Available Phosphorus	16.2	2	
Available Potassium	91.8	1	
Available Magnesium	48.8	1	

Potentially Toxic Elements (2)

Determinand	Result mg/kg		Maximum mg/kg	% of maximum permissible concentration of PTE in arable/grassland soil 0% 25% 50% 75% 100%
Total Copper	11.8	Arable	135	
		Grassland	225	
Total Zinc	33.1	Arable	200	
		Grassland	200	
Total Nickel	22.6	Arable	75	
		Grassland	125	
Total Cadmium	0.15	Arable	3	
		Grassland	3	
Total Lead	25.7	Arable	300	
		Grassland	300	
Total Chromium	39.0	Arable	400	
		Grassland	600	
Total Mercury	<0.2	Arable	1	
		Grassland	1.5	

(1) Recommendations for liming and fertiliser should be obtained from Defra's Fertiliser Manual (RB209). The analytical methods used are as described in Defra's RB427.

(2) Concentration of Potentially Toxic Elements (PTE, commonly referred to as 'heavy metals') are in mg/kg dry soil. The maximum and the percentage of this maximum permissible concentration of PTE in soil are derived from the values in Defra's Code of Practice for Agricultural Use of Sewage Sludge (England & Wales) 1996. If applying organic manures to this soil it is important to ensure the soil is managed with a pH no less than 5.0, and that the PTE maximum values are not exceeded following the application. For soil where the pH value is less than 5.2, a FACTS Qualified Adviser should be consulted. Further details are provided in the Sludge Code.

Released by Gina Graham Date 16/03/26

SOIL CHEMICAL ANALYSIS REPORT FOR FIELD - 5

MR ROB PIGGOTT
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WREXHAM LL13 9YE

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C BECKETT

SOIL

Date Received	05-MAR-2026
Date Reported	16-MAR-2026

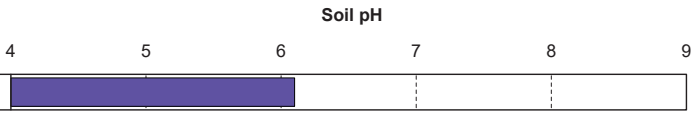
Laboratory References

Report Number	43392
Sample Number	786785

ANALYTICAL RESULTS *on 'dry matter' basis.*

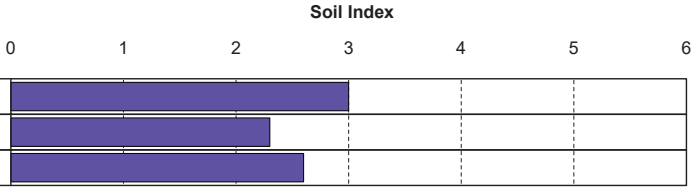
pH (1)

Determinand	Result
Soil pH	6.1



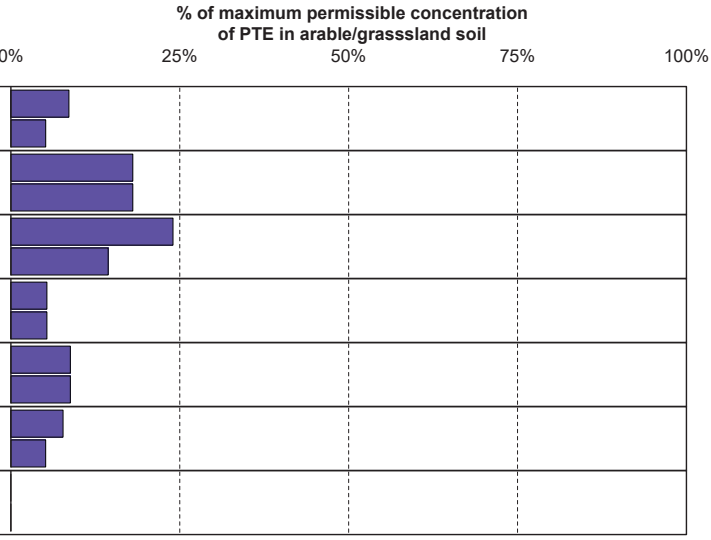
Soil Nutrients (1)

Determinand	Result mg/litre	Soil Index
Available Phosphorus	26.8	3
Available Potassium	159	2-
Available Magnesium	82.6	2



Potentially Toxic Elements (2)

Determinand	Result mg/kg		Maximum mg/kg
Total Copper	11.6	Arable	135
		Grassland	225
Total Zinc	36.1	Arable	200
		Grassland	200
Total Nickel	18.0	Arable	75
		Grassland	125
Total Cadmium	0.16	Arable	3
		Grassland	3
Total Lead	26.4	Arable	300
		Grassland	300
Total Chromium	30.9	Arable	400
		Grassland	600
Total Mercury	<0.2	Arable	1
		Grassland	1.5



(1) Recommendations for liming and fertiliser should be obtained from Defra's Fertiliser Manual (RB209). The analytical methods used are as described in Defra's RB427.

(2) Concentration of Potentially Toxic Elements (PTE, commonly referred to as 'heavy metals') are in mg/kg dry soil. The maximum and the percentage of this maximum permissible concentration of PTE in soil are derived from the values in Defra's Code of Practice for Agricultural Use of Sewage Sludge (England & Wales) 1996. If applying organic manures to this soil it is important to ensure the soil is managed with a pH no less than 5.0, and that the PTE maximum values are not exceeded following the application. For soil where the pH value is less than 5.2, a FACTS Qualified Adviser should be consulted. Further details are provided in the Sludge Code.

Released by *Gina Graham* Date *16/03/26*

SOIL CHEMICAL ANALYSIS REPORT FOR FIELD - 7

MR ROB PIGGOTT
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WREXHAM LL13 9YE

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C BECKETT

SOIL

Date Received	05-MAR-2026
Date Reported	16-MAR-2026

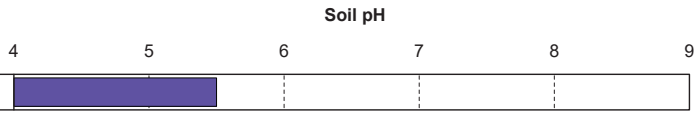
Laboratory References

Report Number	43393
Sample Number	786787

ANALYTICAL RESULTS *on 'dry matter' basis.*

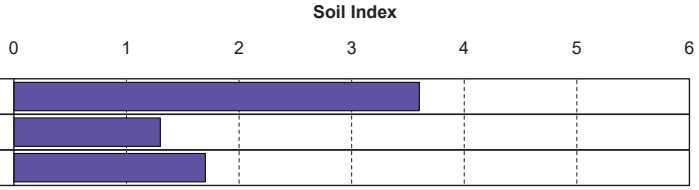
pH (1)

Determinand	Result
Soil pH	5.5



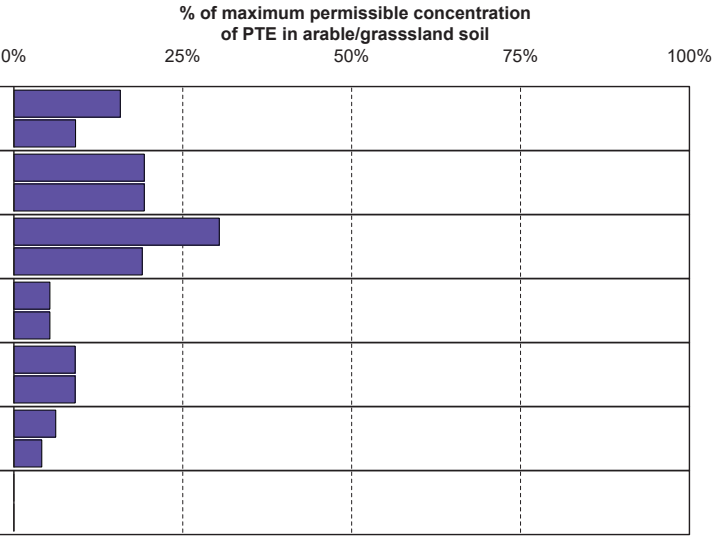
Soil Nutrients (1)

Determinand	Result mg/litre	Soil Index
Available Phosphorus	38.4	3
Available Potassium	82.2	1
Available Magnesium	44.2	1



Potentially Toxic Elements (2)

Determinand	Result mg/kg		Maximum mg/kg
Total Copper	12.6	Arable	80
		Grassland	138
Total Zinc	38.6	Arable	200
		Grassland	200
Total Nickel	15.2	Arable	50
		Grassland	80
Total Cadmium	0.16	Arable	3
		Grassland	3
Total Lead	27.2	Arable	300
		Grassland	300
Total Chromium	24.8	Arable	400
		Grassland	600
Total Mercury	<0.2	Arable	1
		Grassland	1.5



(1) Recommendations for liming and fertiliser should be obtained from Defra's Fertiliser Manual (RB209). The analytical methods used are as described in Defra's RB427.

(2) Concentration of Potentially Toxic Elements (PTE, commonly referred to as 'heavy metals') are in mg/kg dry soil. The maximum and the percentage of this maximum permissible concentration of PTE in soil are derived from the values in Defra's Code of Practice for Agricultural Use of Sewage Sludge (England & Wales) 1996. If applying organic manures to this soil it is important to ensure the soil is managed with a pH no less than 5.0, and that the PTE maximum values are not exceeded following the application. For soil where the pH value is less than 5.2, a FACTS Qualified Adviser should be consulted. Further details are provided in the Sludge Code.

Released by Gina Graham Date 16/03/26

SOIL CHEMICAL ANALYSIS REPORT FOR FIELD - 8

MR ROB PIGGOTT
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WREXHAM LL13 9YE

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Please quote above code for all enquiries

C BECKETT

SOIL

Date Received	05-MAR-2026
Date Reported	16-MAR-2026

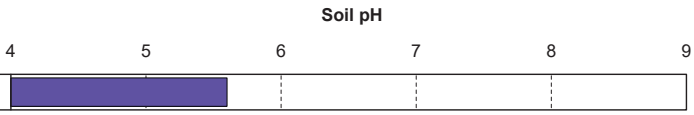
Laboratory References

Report Number	43393
Sample Number	786788

ANALYTICAL RESULTS *on 'dry matter' basis.*

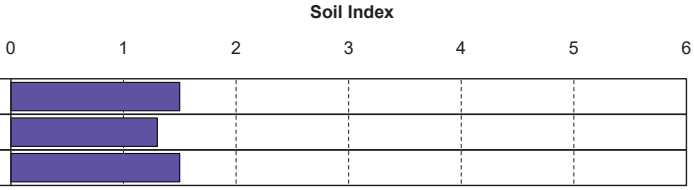
pH (1)

Determinand	Result
Soil pH	5.6



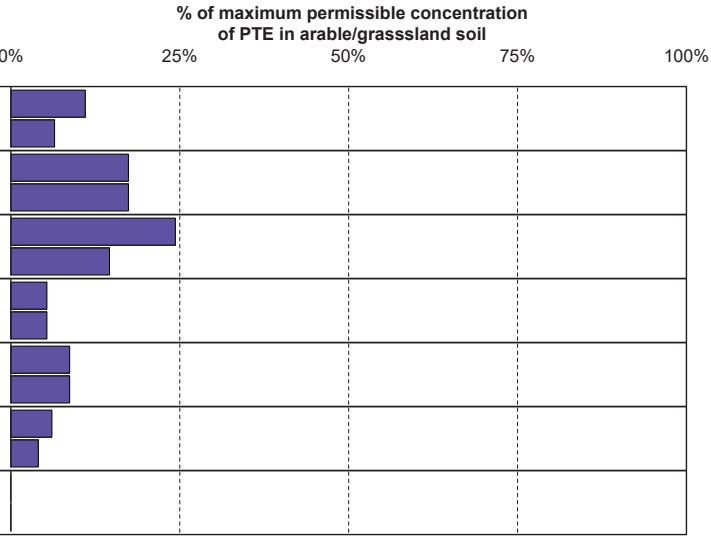
Soil Nutrients (1)

Determinand	Result mg/litre	Soil Index
Available Phosphorus	13.2	1
Available Potassium	83.4	1
Available Magnesium	38.7	1



Potentially Toxic Elements (2)

Determinand	Result mg/kg		Maximum mg/kg
Total Copper	11.0	Arable	100
		Grassland	170
Total Zinc	34.8	Arable	200
		Grassland	200
Total Nickel	14.6	Arable	60
		Grassland	100
Total Cadmium	0.16	Arable	3
		Grassland	3
Total Lead	26.1	Arable	300
		Grassland	300
Total Chromium	24.3	Arable	400
		Grassland	600
Total Mercury	<0.2	Arable	1
		Grassland	1.5



(1) Recommendations for liming and fertiliser should be obtained from Defra's Fertiliser Manual (RB209). The analytical methods used are as described in Defra's RB427.

(2) Concentration of Potentially Toxic Elements (PTE, commonly referred to as 'heavy metals') are in mg/kg dry soil. The maximum and the percentage of this maximum permissible concentration of PTE in soil are derived from the values in Defra's Code of Practice for Agricultural Use of Sewage Sludge (England & Wales) 1996. If applying organic manures to this soil it is important to ensure the soil is managed with a pH no less than 5.0, and that the PTE maximum values are not exceeded following the application. For soil where the pH value is less than 5.2, a FACTS Qualified Adviser should be consulted. Further details are provided in the Sludge Code.

Released by Gina Graham Date 16/03/26

SOIL CHEMICAL ANALYSIS REPORT FOR FIELD - 10

MR ROB PIGGOTT
TRADE EFFLUENT SERVICES
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WREXHAM LL13 9YE

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Please quote above code for all enquiries

C BECKETT

SOIL

Date Received	05-MAR-2026
Date Reported	16-MAR-2026

Laboratory References

Report Number	43393
Sample Number	786790

ANALYTICAL RESULTS *on 'dry matter' basis.*

pH (1)

Determinand	Result	Soil pH 4 5 6 7 8 9
Soil pH	6.1	

Soil Nutrients (1)

Determinand	Result mg/litre	Soil Index	Soil Index 0 1 2 3 4 5 6
Available Phosphorus	44.8	3	
Available Potassium	348	3	
Available Magnesium	63.3	2	

Potentially Toxic Elements (2)

Determinand	Result mg/kg		Maximum mg/kg	% of maximum permissible concentration of PTE in arable/grassland soil 0% 25% 50% 75% 100%
Total Copper	10.7	Arable	135	
		Grassland	225	
Total Zinc	38.1	Arable	200	
		Grassland	200	
Total Nickel	23.7	Arable	75	
		Grassland	125	
Total Cadmium	0.14	Arable	3	
		Grassland	3	
Total Lead	24.5	Arable	300	
		Grassland	300	
Total Chromium	41.2	Arable	400	
		Grassland	600	
Total Mercury	<0.2	Arable	1	
		Grassland	1.5	

(1) Recommendations for liming and fertiliser should be obtained from Defra's Fertiliser Manual (RB209). The analytical methods used are as described in Defra's RB427.

(2) Concentration of Potentially Toxic Elements (PTE, commonly referred to as 'heavy metals') are in mg/kg dry soil. The maximum and the percentage of this maximum permissible concentration of PTE in soil are derived from the values in Defra's Code of Practice for Agricultural Use of Sewage Sludge (England & Wales) 1996. If applying organic manures to this soil it is important to ensure the soil is managed with a pH no less than 5.0, and that the PTE maximum values are not exceeded following the application. For soil where the pH value is less than 5.2, a FACTS Qualified Adviser should be consulted. Further details are provided in the Sludge Code.

Released by Gina Graham Date 16/03/26

SOIL CHEMICAL ANALYSIS REPORT FOR FIELD - 11

MR ROB PIGGOTT
TRADE EFFLUENT SERVICES
HUGMOOR HOUSE
HUGMOOR
LLANYPWLL
WREXHAM LL13 9YE

F990

Please quote above code for all enquiries

C BECKETT

SOIL

Date Received	05-MAR-2026
Date Reported	16-MAR-2026

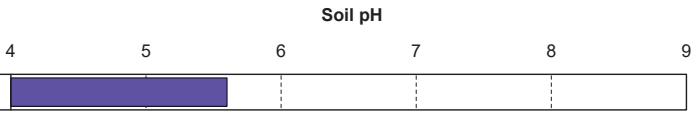
Laboratory References

Report Number	43393
Sample Number	786791

ANALYTICAL RESULTS *on 'dry matter' basis.*

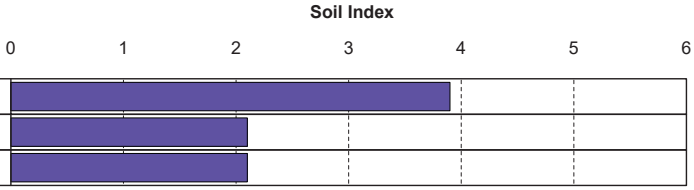
pH (1)

Determinand	Result
Soil pH	5.6



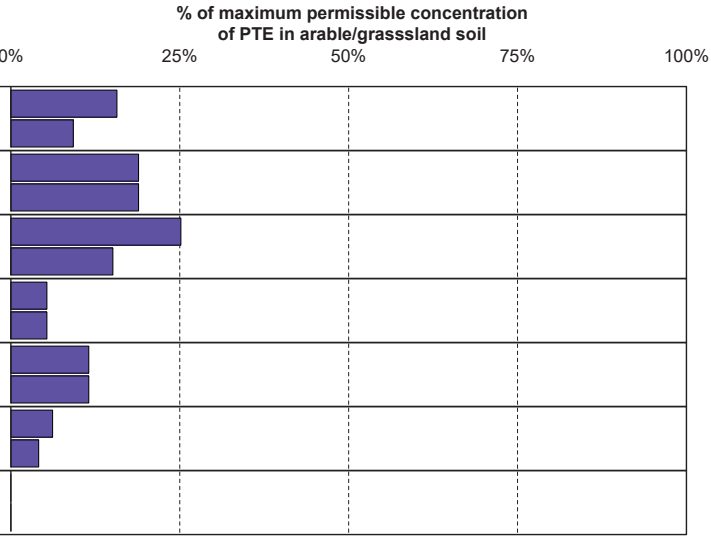
Soil Nutrients (1)

Determinand	Result mg/litre	Soil Index
Available Phosphorus	44.6	3
Available Potassium	134	2-
Available Magnesium	58.6	2



Potentially Toxic Elements (2)

Determinand	Result mg/kg		Maximum mg/kg
Total Copper	15.7	Arable	100
		Grassland	170
Total Zinc	37.8	Arable	200
		Grassland	200
Total Nickel	15.1	Arable	60
		Grassland	100
Total Cadmium	0.16	Arable	3
		Grassland	3
Total Lead	34.6	Arable	300
		Grassland	300
Total Chromium	24.7	Arable	400
		Grassland	600
Total Mercury	<0.2	Arable	1
		Grassland	1.5



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(2) Concentration of Potentially Toxic Elements (PTE, commonly referred to as 'heavy metals') are in mg/kg dry soil. The maximum and the percentage of this maximum permissible concentration of PTE in soil are derived from the values in Defra's Code of Practice for Agricultural Use of Sewage Sludge (England & Wales) 1996. If applying organic manures to this soil it is important to ensure the soil is managed with a pH no less than 5.0, and that the PTE maximum values are not exceeded following the application. For soil where the pH value is less than 5.2, a FACTS Qualified Adviser should be consulted. Further details are provided in the Sludge Code.

Released by Gina Graham Date 16/03/26

SOIL CHEMICAL ANALYSIS REPORT FOR FIELD - 12

MR ROB PIGGOTT
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WREXHAM LL13 9YE

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Please quote above code for all enquiries

C BECKETT

SOIL

Date Received	05-MAR-2026
Date Reported	16-MAR-2026

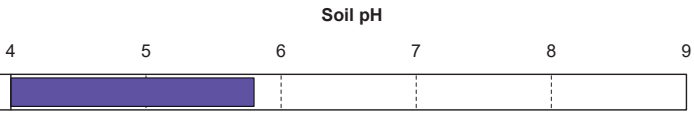
Laboratory References

Report Number	43393
Sample Number	786792

ANALYTICAL RESULTS *on 'dry matter' basis.*

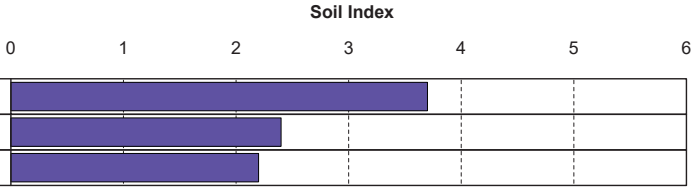
pH (1)

Determinand	Result
Soil pH	5.8



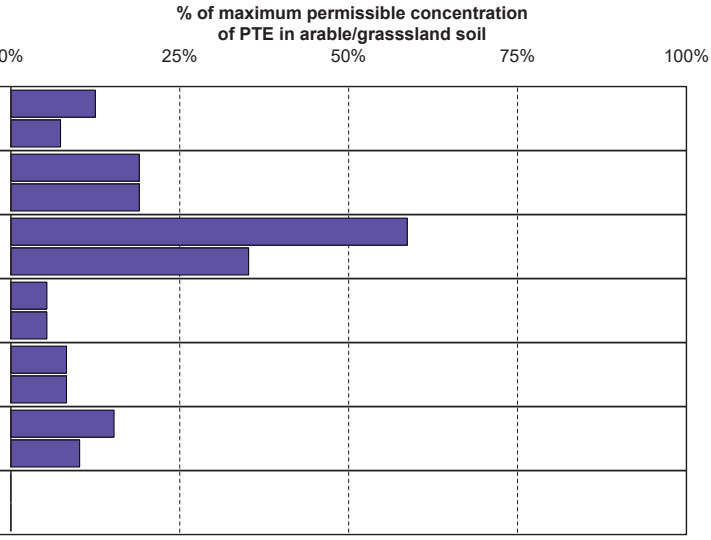
Soil Nutrients (1)

Determinand	Result mg/litre	Soil Index
Available Phosphorus	41.0	3
Available Potassium	178	2-
Available Magnesium	61.7	2



Potentially Toxic Elements (2)

Determinand	Result mg/kg		Maximum mg/kg
Total Copper	12.5	Arable	100
		Grassland	170
Total Zinc	38.0	Arable	200
		Grassland	200
Total Nickel	35.2	Arable	60
		Grassland	100
Total Cadmium	0.16	Arable	3
		Grassland	3
Total Lead	24.7	Arable	300
		Grassland	300
Total Chromium	61.1	Arable	400
		Grassland	600
Total Mercury	<0.2	Arable	1
		Grassland	1.5



(1) Recommendations for liming and fertiliser should be obtained from Defra's Fertiliser Manual (RB209). The analytical methods used are as described in Defra's RB427.

(2) Concentration of Potentially Toxic Elements (PTE, commonly referred to as 'heavy metals') are in mg/kg dry soil. The maximum and the percentage of this maximum permissible concentration of PTE in soil are derived from the values in Defra's Code of Practice for Agricultural Use of Sewage Sludge (England & Wales) 1996. If applying organic manures to this soil it is important to ensure the soil is managed with a pH no less than 5.0, and that the PTE maximum values are not exceeded following the application. For soil where the pH value is less than 5.2, a FACTS Qualified Adviser should be consulted. Further details are provided in the Sludge Code.

Released by Gina Graham Date 16/03/26

SOIL CHEMICAL ANALYSIS REPORT FOR FIELD - 13

MR ROB PIGGOTT
TRADE EFFLUENT SERVICES
HUGMOOR HOUSE
HUGMOOR
LLANYPWLL
WREXHAM LL13 9YE

F990

Please quote above code for all enquiries

C BECKETT

SOIL

Date Received	05-MAR-2026
Date Reported	16-MAR-2026

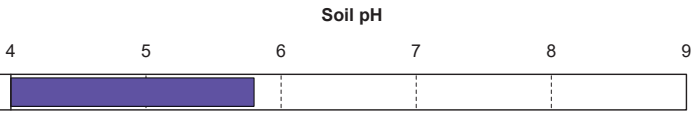
Laboratory References

Report Number	43394
Sample Number	786793

ANALYTICAL RESULTS *on 'dry matter' basis.*

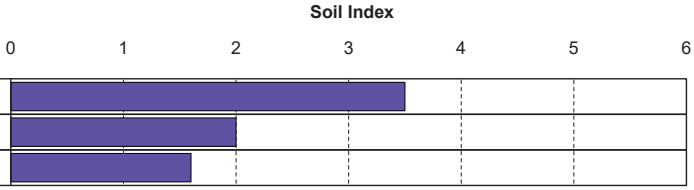
pH (1)

Determinand	Result
Soil pH	5.8



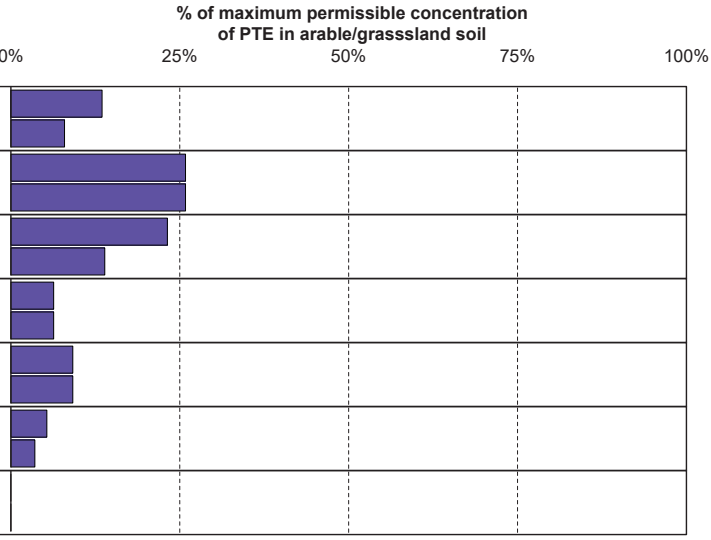
Soil Nutrients (1)

Determinand	Result mg/litre	Soil Index
Available Phosphorus	37.2	3
Available Potassium	123	2-
Available Magnesium	43.3	1



Potentially Toxic Elements (2)

Determinand	Result mg/kg		Maximum mg/kg
Total Copper	13.5	Arable	100
		Grassland	170
Total Zinc	51.7	Arable	200
		Grassland	200
Total Nickel	13.9	Arable	60
		Grassland	100
Total Cadmium	0.19	Arable	3
		Grassland	3
Total Lead	27.5	Arable	300
		Grassland	300
Total Chromium	21.3	Arable	400
		Grassland	600
Total Mercury	<0.2	Arable	1
		Grassland	1.5



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