



ANALYTICAL REPORT

Report Number	14488-23	V724	ELLIE GARSIDE	Client	MARTIN JONES
Date Received	11-DEC-2023		4 RECYCLING LTD		PENTWYN AND
Date Reported	20-DEC-2023		CONTROL HOUSE		THREE COCKS
Project	SOIL		A1 BUSINESS PARK		
Reference	MARTIN JONES		KNOTTINGLEY ROAD		
Order Number			KNOTTINGLEY WF11 0BU		

Laboratory Reference		SOIL670460	SOIL670461	SOIL670462						
Sample Reference		SHEEP SHED	BADGER BURRY	LONG MEADOW						
Determinand	Unit	SOIL	SOIL	SOIL						
pH water [1:2.5]		6.1	6.3	6.2						
Available Phosphorus (Index)	mg/l	24.6 (2)	32.0 (3)	22.4 (2)						
Available Potassium (Index)	mg/l	121 (2-)	434 (4)	222 (2+)						
Available Magnesium (Index)	mg/l	89.3 (2)	68.1 (2)	89.6 (2)						
Total Copper	mg/kg	12.4	11.9	13.4						
Total Zinc	mg/kg	66.9	64.0	67.2						
Total Lead	mg/kg	19.6	18.8	20.2						
Total Arsenic	mg/kg	6.6	6.4	6.7						
Total Cadmium	mg/kg	0.25	0.24	0.25						
Total Nickel	mg/kg	29.7	27.5	27.6						
Total Chromium	mg/kg	43.3	41.8	40.5						
Total Mercury	mg/kg	<0.2	<0.2	<0.2						
Total Selenium	mg/kg	0.22	0.18	0.24						
Total Molybdenum	mg/kg	<1	<1	<1						
Fluoride	mg/kg	22.6	23.5	18.7						

Notes	
Analysis Notes	The sample submitted was of adequate size to complete all analysis requested. The results as reported relate only to the item(s) submitted for testing. The results are presented on a dry matter basis unless otherwise stipulated.
Document Control	This test report shall not be reproduced, except in full, without the written approval of the laboratory.



ANALYTICAL REPORT

Report Number	41412-26	H665	PAUL SIMPSON	Client	M JONES
Date Received	23-FEB-2026		4RECYCLING LTD		PENTWYN FARM
Date Reported	02-MAR-2026		CONTROL HOUSE		THREE COCKS
Project	SOIL		A1 BUSINESS PARK		BRECON
Reference	PENTWYN FARM		KNOTTINGLEY ROAD		LD3 0SW
Order Number			KNOTTINGLEY WF11 0BU		

Laboratory Reference		SOIL785353	SOIL785354	SOIL785355						
Sample Reference		BOTTOM PEN TWYN	16 ACRES A	16 ACRES B						
Determinand	Unit	SOIL	SOIL	SOIL						
pH water [1:2.5]		6.4	6.5	6.7						
Available Phosphorus (Index)	mg/l	12.0 (1)	15.6 (2)	12.6 (1)						
Available Potassium (Index)	mg/l	57.2 (0)	69.3 (1)	70.5 (1)						
Available Magnesium (Index)	mg/l	83.5 (2)	88.8 (2)	96.3 (2)						
Textural Class		Sandy Silt Loam	Silty Loam	Sandy Silt Loam						
Sand 2.00-0.063mm	% w/w	22	17	23						
Silt 0.063-0.002mm	% w/w	64	69	65						
Clay <0.002mm	% w/w	14	14	12						
Total Copper	mg/kg	11.1	11.3	8.4						
Total Zinc	mg/kg	73.2	69.4	63.7						
Total Lead	mg/kg	24.6	23.0	78.9						
Total Arsenic	mg/kg	7.7	6.6	7.3						
Total Cadmium	mg/kg	0.30	0.27	0.24						
Total Nickel	mg/kg	30.5	28.0	31.6						
Total Chromium	mg/kg	39.0	32.9	36.3						
Total Mercury	mg/kg	<0.2	<0.2	<0.2						
Total Selenium	mg/kg	0.22	0.21	0.12						
Total Molybdenum	mg/kg	<1	<1	<1						
Fluoride	mg/kg	21.4	21.8	20.9						

Notes

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ANALYTICAL REPORT

Report Number	41417-26	H665	PAUL SIMPSON	Client M JONES
Date Received	23-FEB-2026		4RECYCLING LTD	PENTWYN FARM
Date Reported	02-MAR-2026		CONTROL HOUSE	THREE COCKS
Project	SOIL		A1 BUSINESS PARK	BRECON
Reference	PENTWYN FARM		KNOTTINGLEY ROAD	LD3 0SW
Order Number			KNOTTINGLEY WF11 0BU	

Laboratory Reference		SOIL785367	SOIL785368	SOIL785369						
Sample Reference		PENTWYN CORNER	21 ACRES A	21 ACRES B						
Determinand	Unit	SOIL	SOIL	SOIL						
pH water [1:2.5]		6.2	6.5	6.5						
Available Phosphorus (Index)	mg/l	12.0 (1)	18.2 (2)	19.6 (2)						
Available Potassium (Index)	mg/l	160 (2-)	123 (2-)	121 (2-)						
Available Magnesium (Index)	mg/l	73.6 (2)	87.8 (2)	89.6 (2)						
Textural Class		Sandy Silt Loam	Sandy Silt Loam	Silty Loam						
Sand 2.00-0.063mm	% w/w	22	27	20						
Silt 0.063-0.002mm	% w/w	62	59	65						
Clay <0.002mm	% w/w	16	14	15						
Total Copper	mg/kg	10.0	11.2	11.6						
Total Zinc	mg/kg	60.7	67.9	70.1						
Total Lead	mg/kg	21.2	21.8	24.0						
Total Arsenic	mg/kg	6.4	6.0	6.4						
Total Cadmium	mg/kg	0.22	0.23	0.26						
Total Nickel	mg/kg	26.2	27.2	27.8						
Total Chromium	mg/kg	29.8	30.0	31.4						
Total Mercury	mg/kg	<0.2	<0.2	<0.2						
Total Selenium	mg/kg	0.14	0.16	0.18						
Total Molybdenum	mg/kg	<1	<1	<1						
Fluoride	mg/kg	23.5	20.0	18.7						

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ANALYTICAL REPORT

Report Number	41415-26	H665	PAUL SIMPSON	Client	M JONES
Date Received	23-FEB-2026		4RECYCLING LTD		PENTWYN FARM
Date Reported	02-MAR-2026		CONTROL HOUSE		THREE COCKS
Project	SOIL		A1 BUSINESS PARK		BRECON
Reference	PENTWYN FARM		KNOTTINGLEY ROAD		LD3 0SW
Order Number			KNOTTINGLEY WF11 0BU		

Laboratory Reference		SOIL785362	SOIL785363							
Sample Reference		RAM FIELD A	RAM FIELD B							
Determinand	Unit	SOIL	SOIL							
pH water [1:2.5]		6.3	6.3							
Available Phosphorus (Index)	mg/l	13.4 (1)	13.2 (1)							
Available Potassium (Index)	mg/l	91.9 (1)	101 (1)							
Available Magnesium (Index)	mg/l	86.3 (2)	81.6 (2)							
Textural Class		Sandy Silt Loam	Sandy Silt Loam							
Sand 2.00-0.063mm	% w/w	25	32							
Silt 0.063-0.002mm	% w/w	61	55							
Clay <0.002mm	% w/w	14	13							
Total Copper	mg/kg	9.5	9.5							
Total Zinc	mg/kg	60.7	61.0							
Total Lead	mg/kg	20.3	19.5							
Total Arsenic	mg/kg	6.1	5.9							
Total Cadmium	mg/kg	0.22	0.22							
Total Nickel	mg/kg	24.9	25.2							
Total Chromium	mg/kg	27.0	27.0							
Total Mercury	mg/kg	<0.2	<0.2							
Total Selenium	mg/kg	0.12	0.12							
Total Molybdenum	mg/kg	<1	<1							
Fluoride	mg/kg	22.5	24.0							

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ANALYTICAL REPORT

Report Number	41414-26	H665	PAUL SIMPSON	Client M JONES
Date Received	23-FEB-2026		4RECYCLING LTD	PENTWYN FARM
Date Reported	02-MAR-2026		CONTROL HOUSE	THREE COCKS
Project	SOIL		A1 BUSINESS PARK	BRECON
Reference	PENTWYN FARM		KNOTTINGLEY ROAD	LD3 0SW
Order Number			KNOTTINGLEY WF11 0BU	

Laboratory Reference		SOIL785359	SOIL785360	SOIL785361						
Sample Reference		TOP PENTWYN	17 ACRES A	17 ACRES B						
Determinand	Unit	SOIL	SOIL	SOIL						
pH water [1:2.5]		6.4	6.3	6.3						
Available Phosphorus (Index)	mg/l	10.8 (1)	12.8 (1)	11.4 (1)						
Available Potassium (Index)	mg/l	99.9 (1)	68.5 (1)	64.8 (1)						
Available Magnesium (Index)	mg/l	81.7 (2)	90.8 (2)	98.5 (2)						
Textural Class		Sandy Silt Loam	Silty Loam	Sandy Silt Loam						
Sand 2.00-0.063mm	% w/w	21	17	23						
Silt 0.063-0.002mm	% w/w	64	68	63						
Clay <0.002mm	% w/w	15	15	14						
Total Copper	mg/kg	8.2	8.1	9.5						
Total Zinc	mg/kg	64.3	62.6	63.3						
Total Lead	mg/kg	20.7	17.6	50.3						
Total Arsenic	mg/kg	6.7	6.3	6.6						
Total Cadmium	mg/kg	0.26	0.21	0.22						
Total Nickel	mg/kg	30.5	27.8	28.9						
Total Chromium	mg/kg	35.4	30.6	31.8						
Total Mercury	mg/kg	<0.2	<0.2	<0.2						
Total Selenium	mg/kg	0.16	0.15	0.14						
Total Molybdenum	mg/kg	<1	<1	<1						
Fluoride	mg/kg	17.8	17.4	20.8						

Notes

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