



## Certificate of Analysis

**Client:** QTS ENVIRONMENTAL LTD  
(K594) UNIT 1  
ROSE LANE INDUSTRIAL EST.  
ROSE LANE  
LENHAM HEATH  
KENT ME17 2JN

**Originator:** 26506  
LAWRENCE LANDFILL  
26506

**Lab ID:** 52122 - 263831  
**Sample ID:** COMP LIKE MAT 125622

**Date Received:** 13/11/2014  
**Date Reported:** 19/11/2014

### BS 3882 : 2007 SPECIFICATION FOR TOPSOIL Fails BS 3882

				Compliant with range (Y/N)			
		Unit	Result	Multi-P	Low-F	Acid	Calc
<b>Texture:</b>	Clay	% w/w	10	Y	Y	Y	Y
	Silt	% w/w	14	Y	Y	Y	Y
	Sand	% w/w	76	Y	Y	Y	Y
	Textural Class	Organic Sandy Loam					
<b>Organic Matter:</b>		% w/w	11.8	Y	N	Y	Y
<b>Coarse</b>	>2 mm	% w/w	36.2	N	N	N	N
<b>Fragment</b>	>20 mm	% w/w	0.0	Y	Y	Y	Y
<b>Content:</b>	>50 mm	% w/w	0.0	Y	Y	Y	Y
<b>Soil pH:</b>			7.1	Y	Y	N	N
<b>Carbonate:</b>		% w/w	9.9				Y
<b>Available</b>	Nitrogen	% w/w	0.37	Y	N	Y	Y
<b>Plant</b>	Phosphorus	mg/l	35.6 (3)*	Y	N	Y	Y
<b>Nutrients:</b>	Potassium	mg/l	276.8 (3)*	Y	N	Y	Y
	Magnesium	mg/l	115.3 (3)*	Y	Y	Y	Y
<b>Carbon:Nitrogen Ratio:</b>		:1	18.5	Y	Y	Y	Y
<b>Exchangeable Sodium Percentage:</b>		%	4.3	Y	Y	Y	Y
<b>Phytotoxic</b>	Total Zinc	mg/kg	143	Y	Y	Y	Y
<b>Contaminants:</b>	Total Copper	mg/kg	45.2	Y	Y	Y	Y
	Total Nickel	mg/kg	20.8	Y	Y	Y	Y
<b>Visible</b>	> 2mm	% w/w	1.49	N	N	N	N
<b>Contaminants:</b>	Plastics	% w/w	0.00	Y	Y	Y	Y
	Sharps	% w/w	0.10	N	N	N	N
<b>Additional</b>	Available Sodium	mg/l	90.5				
<b>Analysis:</b>	Available Calcium	mg/l	1440.0				
	Conductivity	uS/cm	2421				
<b>Compliance:</b>				N	N	N	N

Results are expressed on a dry matter basis.

\* Soil indices from RB209

**Released by:**

*J Doyle*

**Date:** 19/11/2014

**DECLARATION:**

I certify that this sample has been analysed by NRM Ltd. in accordance with BS 3882 Specification for Topsoil (2007).

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