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Report No: USR:W212-0112-01
Issue No: 1

This report replaces all previous issues

Analytical Test Report

Client: MALHEUR LUMBER COMPANY
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Attention: John Rowell
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Signed: *Kevin Anderson*
 Kevin Anderson
 IT Manager
 Date of Issue: 2/2/2012
 THIS DOCUMENT SHALL NOT BE REPRODUCED EXCEPT IN FULL

Sample Details

Sample Log No: W212-0112-01 **Sample Date:**
Sample Designation: 120117SWPPP **Sample Time:**
Sample Recognized As: Pellets **Arrival Date:** 1/26/2012

Test Results

	METHOD	UNITS	MOISTURE FREE	AS RECEIVED
Moisture Total	ASTM E871	wt. %		2.65
Ash	ASTM D1102	wt. %	0.29	0.28
Volatile Matter	ASTM D3175	wt. %		
Fixed Carbon by Difference	ASTM D3175	wt. %		
Sulfur	ASTM D4239	wt. %	0.025	0.025
SO ₂	Calculated	lb/mmbtu		0.054
Net Cal. Value at Const. Pressure	ISO 1928	GJ/tonne		
Net Cal. Value at Const. Pressure	ISO 1928	J/g		
Gross Cal. Value at Const. Vol.	ASTM E711	J/g	20829	20218
Gross Cal. Value at Const. Vol.	ASTM E711	Btu/lb	8955	8693
Carbon	ASTM D5373	wt. %		
Hydrogen	ASTM D5373	wt. %		
Nitrogen	ASTM D5373	wt. %		
Oxygen	ASTM D3176	wt. %		
Chlorine	ASTM D6721	mg/kg	107	104
Fluorine	ASTM D3761	mg/kg		
Mercury	ASTM D6722	mg/kg		
Bulk Density	ASTM E873	lbs/ft ³		42.68
Fines (Less than 1/8")	TPT CH-P-06	wt. %		0.33
Durability Index	Kansas State	PDI		98.7
Sample Above 1.50"	TPT CH-P-06	wt. %		0.0
Maximum Length (Single Pellet)	TPT CH-P-06	inch		1.088
Diameter, Range	TPT CH-P-05	inch	0.251 to	0.254
Diameter, Average	TPT CH-P-05	inch		0.252
Stated Bag Weight	TPT CH-P-01	lbs		40.0
Actual Bag Weight	TPT CH-P-01	lbs		40.3

Comments