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Ref: Sampling and lab analysis on # 6 Fuel Oil from Shore Tank # 6 after discharge of the barge Connecticut at Sprague – Albany, NY on December 26, 2005

File Number : 41693 Sample Number: 41693-5

CERTIFICATE OF ANALYSIS
SHORE TANK # 6

TEST	METHOD	UNITS	RESULT
		UPPER	
API Gravity	D-287	° API @ 60 °F	13.7
Viscosity	D-445	cSt @ 122 ° F	279.2
Sulfur	D-4294	Weight %	0.455
		MIDDLE	
API Gravity	D-287	° API @ 60 °F	13.8
Viscosity	D-445	cSt @ 122 ° F	289.4
Sulfur	D-4294	Weight %	0.459
		LOWER	
API Gravity	D-287	° API @ 60 °F	13.8
Viscosity	D-445	cSt @ 122 ° F	278.6
Sulfur	D-4294	Weight %	0.459
		COMPOSITE	
API Gravity	D-287	° API @ 60 °F	13.8
Viscosity	D-445	cSt @ 122 ° F	282.5
Sulfur	D-4294	Weight %	0.457
Pour Point	D-97	° F	53
Flash Point	D-93	° F	190
Water by Distillation	D-95	Volume %	0.1
Ash	D482	Weight %	0.034
Vanadium	D-5863	PPM	40
Sodium	D-5863	PPM	11
Nitrogen	D-5762	Weight %	0.36
Asphaltenes	IP-143	Weight %	2.10
Heating Value	D-240	BTU / Gal	151,373

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