2 Williams Street Chelsea, MA
Phone:(617) 889-6515
Fax:(617) 889-6311

INSPECTORATE

A Bureau Veritas Group Company

EPA Oversight

Customer	**Sprague Energy Corporation**
Customer Reference	**1.) SEC 4101-11-01**
	2.) N/A
	3.) N/A
Job Number	**054111**
Bill of Lading Number	**N/A**
Port of Inspection	**Providence, RI**
Date of Inspection	**May 22, 2011**
Location	**Sprague Providence**
Type of Operation	**Analysis**
Cargo Grades	**1.) No 6 Oil**
	2.)
	3.)
	4.)
	5.)

ALL MEASUREMENTS CONTAINED IN THIS REPORT WERE PERFORMED IN ACCORDANCE WITH THE API CHAPTERS OF PETROLEUM MEASUREMENT STANDARDS AND ASTM PROCEDURES INCLUDING, BUT NOT LIMITED TO: (CHAPTER 3- TANK GAUGING), (CHAPTER 7-TEMPERATURE DETERMINATION), (CHAPTER 8- SAMPLING), (CHAPTER 12- CALCULATION OF PETROLEUM QUANTITIES), AND (CHAPTER 17- MARINE MEASUREMENTS).

ALL INSPECTORATE MEASUREMENTS DEVICES AND METHODS USED FOR QUANTITY AND QUALITY DETERMINATION MEET THE PERTINENT REQUIREMENTS OF 40 CFR 98.3 ET.SEQ. (GREENHOUSE GAS MANDATORY REPORTING RULE).

Michael White

Inspectorate Boston,MA

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INSPECTORATE
A Bureau Veritas Group Company

SHORE TANK REPORT

Vessel	EPA Oversight	Port	Providence, RI	Report	054111
Customer	Sprague Energy Corporation	Date	May 22, 2011	Reference	SEC 4101-11-01
Operation	Analysis	Terminal	Sprague Providence	Reference	Ex: 053811

VCF Table	*6B*	*ASTM 2004 VCF Table*	*Product*	*No 6 Fuel Oil*
Volumes	*Barrels*		*API Gravity*	*11.8*
ShCF App	*Yes*			

Tank No.	6					Tk Insulated	Yes	Temp Strapped	60
Volumes	Barrels	OP-Date	5/22/2011	Time	15:45	Amb-T Open		Amb-T Close	
		CL-Date		Time		ShCF Fact		ShCF Fact	
VCF Table	6B					ShCorr Vol		ShCorr Vol	
Gauge	Volume	FW-Gauge	Volume	Roof-Vol	API Grav	Temp/F	VCF Fact		GSV Vol
19-4 1/4	59,816.28	0-0	N/A	N/A	11.8	119.7	0.97713		58,448.28
Difference	59,816.28					Tank	6	Receipt	58,448.28
Gross Volume		Adjustments Made:						Adjusted GSV	

Tank No.						Tk Insulated	No	Temp Strapped	60
Volumes	Barrels	OP-Date		Time		Amb-T Open		Amb-T Close	
		CL-Date		Time		ShCF fact		ShCF Fact	
VCF Table	6B					ShCorrVol		ShCorr Vol	
Gauge	Volume	FW-Gauge	Volume	Roof-Vol	API Grav	Temp/F	VCF Fact		GSV Vol
Difference						Tank		Receipt	
Gross Volume		Adjustments Made:						Adjusted GSV	

Tank No.						Tk Insulated	No	Temp Strapped	60
Volumes	Barrels	OP-Date		Time		Amb-T Open		Amb-T Close	
		CL-Date		Time		ShCF fact		ShCF Fact	
VCF Table	6B					ShCorr Vol		ShCorr Vol	
Gauge	Volume	FW-Gauge	Volume	Roof-Vol	API Grav	Temp/F	VCF Fact		GSV Vol
Difference						Tank		Receipt	
Gross Volume		Adjustments Made:						Adjusted GSV	

Tank No.						Tk Insulated	No	Temp Strapped	60
Volumes	Barrels	OP-Date		Time		Amb-T Open		Amb-T Close	
		CL-Date		Time		ShCF fact		ShCF Fact	
VCF Table	6B					ShCorr Vol		ShCorr Vol	
Gauge	Volume	FW-Gauge	Volume	Roof-Vol	API Grav	Temp/F	VCF Fact		GSV Vol
Difference						Tank		Receipt	
Gross Volume		Adjustments Made:						Adjusted GSV	

Product Name	No 6 Fuel Oil	
API Gravity @60	11.8	11.8
Cargo Receivers		
Barrels @ 60	58,448.28	
US Gallons	2,454,828	
Pounds	20,187,194	
Long Tons	9,012.140	
Short Tons	10,093.597	
Metric Tons	9,157.092	
Liters	9,292,534	
Kilograms	9,157,092	
Gross Gallons	2,512,284	

Condition of shore line Slack
Method of verification Terminal Operator

Barrels to Long Tons (Table 11)	0.15419
Barrels to Metric Tons (Table 13)	0.15667

Christopher R. Davis
Inspectorate Boston, MA

BOSHOR REV 2 1/11

INSPECTORATE
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TANK GAUGE TICKET

JOB: **054111**
Ex: 053811

TERMINAL: **Sprague Providence, RI**

VESSEL: **EPA Oversight** **PRODUCT:** **1.0% #6 Fuel Oil**

SHORE TANK	193					
	OPEN	CLOSE	OPEN	CLOSE	OPEN	CLOSE
A. MEASURED GAUGE HEIGHT (OBSERVED)						
B.REFERENCE GAUGE HEIGHT (TANK CHART)		49-10 1/2				
C. OUTAGE (ULLAGE) OBTAINED		30-6 1/4				
D. Oil On Tape						
E. INNAGE CALCULATED **B-C (USE REFERENCE GAUGE HEIGHT)		19-4 1/4				
F. SIDE GAUGE***		19-4 1/2				
G: DIFFERENCE E-F (INNAGE LESS SIDE GAUGE)						
FREE WATER GAUGED		0-0				

TEMPERATURE NOTE:UML temps required if > 10 ft. & add'l temps if spread is more than 5 deg F						
UPPER		119.7				
MIDDLE		119.7				
LOWER		119.7				
AVERAGE TEMPERATURE ***	0.0	119.7	0.0	0.0	0.0	0.0
SIDE TEMPERATURE		122.0				
AMBIENT TEMP.		61.0				
API		11.8				

DATE / TIME		5/22/11 15:45				
FOR INSPECTORATE: *(SIGNATURE)*		**TM**				
TERMINAL REPRESENTATIVE *(SIGNATURE)*		Joe				

BOSGAUGETX REV#2 1/11

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INSPECTORATE
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SAMPLE RECEIPT

054111

Vessel	"Georgia"	Port	Providence, RI	Job Number	053811
Customer	0	Date	May 22, 2011	Reference	0
Operation	Discharge	Terminal	Sprague Providence	Reference	0

Sample No	Description of Sample				Date/Time Sampled	Date/Time Delivered	Date Disposed	
	Grade	Tank #	B/D-A/D etc.	Amount				
1158262	6 Oil	6	B/D	1XQT	5/22/11 5:30	5/22/11 18:25		
1158263	6 Oil	6	A/D	1XQT	5/22/11 15:45	5/22/11 18:25		
1158264	6 Oil	6	A/D	1XQT	5/22/11 15:45	5/22/11 18:25		
1158266	6 Oil	6	A/D	1XQT	5/22/11 15:45	5/22/11 18:25		
1158267	6 Oil	6	A/D	1XQT	5/22/11 15:45	5/22/11 18:25		
1158268	6 Oil	6	A/D	1XQT	5/22/11 15:45	5/22/11 18:25		
1157710	6 Oil	6	A/D	1XQT	5/22/11 15:45	5/22/11 18:25		
1157711	6 Oil	6	A/D	1XQT	5/22/11 15:45	5/22/11 18:25		

Comments if Required

Received by Jamal Salah

Date / Time: 5-22-11 18:35

Inspector Thomas Martin

Inspector's Signature

BOSINSPOG REV #4 1-11

Inspectorate Boston, MA

INSPECTORATE
A Bureau Veritas Group Company

SUBMITTED SAMPLE CHAIN OF CUSTODY

2 Williams Street
Chelsea, MA 02150
Phone: (617) 889-6515

Facility: IAC
Address: 2 Williams ST Chelsea MA

Contact:
Phone:
Email:
Fax:

Project Name: Georgia
Project Number: 053811
Project Manager: C Davis
Email: Ops Boston @ Inspectorate

Page 1 of 1
P.O. No: Quote No:

Lab Number (assigned by lab)	Sample ID: (must agree with container)	Date Sampled	Time Sampled	Sampled By	Grab or com-posit (G/C)	Container Size (ml.)	Product Grade	Analyses Requested/ Special Instructions:
	6/Prov/5-22-11/1	5/22/11	1545	IAC	Comp	10mL	#6 Fuel 0.1	
	6/Prov/5-22-11/2	5/22/11	1545	IAC	Comp	10mL	#6 Fuel 0.1	
	Blank/Prov/5-22-11/3	5/22/11	1545	IAC	Comp	10mL	Blank	

Relinquished By: [signature] Date: 5/23/11 Time
Received By: [signature] Date: 5/23/11 Time 11:00
Relinquished By: Date: Time
Received By: Date: Time

Comments:

COC Doc No:

Page of

053811 GEORGIA 6011
5-22-11 SPRAGUE PROV, RI

TANK: 6 AIR
AUTO: ~~8~~-6-0-1/2
TAPE: 43-10-1/2
TEMPS: ~~112.6~~ 127 Side 128
API: 120
WATER: N/A
TIME 5:30

TANK 6
AUTO 19-4-1/2 AIR
TAPE 30-6-1/4
TEMPS 119.7 119.7 119.7 Side 122
API
WATER N/A
TIME 15:45

053811 GEORGIA 6011
5 22-11 SPRAGUE, PROV, RI

1P 5-9-1/4 122.5 122.5 122.6
1S 5-9-1/4 122.6 122.4 122.5 122.6
2P 4-11-0 120.7 120.7 122.8
2S 5-1-3/4 120.6 120.5 120.7
3P 5-7-1/2 122.9 122.9 122.8
3S 5-8-1/4 122.8 122.8 122.9
4P 5-4-1/4 120.3 120.2 120.1
4S 5-3-3/4 120.6 120.5 120.7
5P 5-8-3/4 122.9 ~~[illegible]~~ 122.8 122.9
5S 5-8-3/4 122.8 122.8 122.9
SAMPLING 5 6:20 F DECK INSPS 6:20 F 7:00

1P 5-9-1/4 122.7 122.7 122.8
1S 5-9-1/4 122.9 122.8 122.9
2P 32-4-3/4
2S 32-6-1/2
3P 5-7-3/4 127.5 127.6 127.6
3S 5-8-1/2 127.6 127.9 127.9
4P 32-6-1/2
4S 32-7-1/2
5P 5-9-0 125.3 ~~[illegible]~~ 125.5 125.6
5S 5-9-0 125.1 125.3 125.3
ROD INS: 14:20
CALS:

16:30