

COASTAL FUELS MARKETING, INC.
CAPE CANAVERAL FLORIDA

DESCRIPTION: STK 8 AFTER "O.S. Philadelphia"
SAMPLE DATE: 09-07-05
REPORT DATE: 09-13-05
LOW SULFUR DIESEL

CERTIFICATE OF ANALYSIS

| TEST | METHOD | RESULTS |
|--------------------------|-------------------|---------|
| API GRAVITY | D4052 | 31.3 |
| DENSITY kg/m3 @ 15 C. | D4052 | 868.3 |
| SPECIFIC GRAVITY @ 15 C. | D4052 | 0.8691 |
| FLASH POINT , PMCC F. | D93 | 162 |
| BS&W * | D2709 | <0.005 |
| VISCOSITY @ 50 C. cSt* | D445 | 2.40 |
| POUR POINT , F. * | D97 | 0 |
| NITROGEN , PPM WT. | D5762 | ----- |
| SULFUR , WT.%** | D4294 | 0.045 |
| ASH , WT.% * | D482 | <0.001 |
| CLOUD POINT , F. * | D2500 | 10 |
| BTU CALCULATED / GAL.* | D4868 | 139010 |
| CETANE INDEX , CALC. * | D976 | 46 |
| DISTILLATION, F.* IBP | D86 | 354 |
| Recovered 10% | D86 | 411 |
| Recovered 50% | D86 | 510 |
| Recovered 90% | D86 | 622 |
| Final Boiling Point | D86 | 667 |
| CARBON 10% BTMS, WT. % * | D524 | 0.10 |
| HAZE RATING | Colonial Pipeline | 1 |

***Load Port

*Typicals

**Calc.

BY:

Marie F. Calhoon , Chemist

SGS

File No. : 791435

CERTIFICATE OF ANALYSIS

Sample Marked : MARATHON, TAMPA S/T 80-11
 Sample Description : LOW-SULFUR DIESEL
 FP&L REF # :
 Sampling Location : SGS TAMPA
 In Association with :
 Sample Submitted By : SGS TAMPA
 Date of Sampling : 14-Sep-05

Tank Sample Sealed

| <u>METHOD</u> | <u>TEST NAME</u> | <u>RESULTS</u> |
|---------------|--------------------|----------------|
| ASTM D-287 | GRAVITY, API @ 60F | 35.5 |
| ASTM D-4294 | SULFUR | 0.0408 |
| ASTM D-3228 | NITROGEN | 0.017 |
| ASTM D-240 | BTU mmbtus/bbl | 5.821 |

Product in Tanks

138,595 per gallon

SGS North America Inc.

CHIP LEE
OPERATIONS SUPERVISOR

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