

Appendix A

NATURAL GAS LIQUIDS - PRODUCT QUALITY SPECIFICATIONS:

Seller warrants that the Product covered by this Agreement shall meet the specifications herein provided and acceptance of the Agreement shall constitute agreement upon Seller's part to fully indemnify and hold Plains harmless from any and all claims, liability, loss, damage, and expense against, incurred or sustained by Plains by reason of any breach of this warranty, subject to the limitations contained in section 7.0 of the General Terms and Conditions.

Plains Asset Specification: (KFS, Co-Ed, PFS or other), Product quality must meet the specifications outlined below:

1) Composition

- | | |
|---------------------------------------|---|
| a) Methane | • Only that minimal quantity unavoidably extracted by normal distillation methods |
| b) Ethane | • Less than 2 percent (liquid volume) of the propane content of the NGL |
| c) Propane Butane Pentanes Plus | • Any combination of these components that meet the physical specifications and containment restrictions in 2 and 3 |

2) Physical Specifications

- | | |
|--------------------------------|---|
| a) Vapour Pressure | • Less than 1,000 kPa (145 psia) at 37.8°C (100°F) — ASTM D1267 |
| b) Copper Strip Corrosion Test | • I B or better — ASTM DI 838 |

3) Contaminant Limitations

- | | |
|---|--|
| a) Total Sulphur | • Less than 250 ppm (wt 5) — ASTM D2784 or D6667 |
| b) Hydrogen Sulphide (H ₂ S) | • Any amounts that are consistent with the Cu strip Sulphur limitations, typically less than 2 ppm (wt H ₂ S).— ASTM D5623 |
| c) Elemental (Free) Sulphur | • Any amounts that are consistent with the Cu strip Sulphur limitations, typically less than 2 ppm (wt Compound). |
| d) Carbonyl Sulphide (COS) | • Shall not exceed 20 ppm (wt COS) — ASTM D5623 |
| e) Methyl and Ethyl Mercaptan | • Total shall not exceed 150 ppm (wtC ₂ H ₆ S& CH ₄ S)— ASTM D5623 |
| f) Receipt Temperature | • - 10°C to 40°C |
| g) Sand, Dust, Asphaltenes, Crude Oil, Gum and Gum forming substances | • No more than 20 grams per M3 of solids shall be collected when tested using a 5 micron filter in accordance with developed and accepted lab procedures for Millipore Filter Testing. |
| h) Water Content | • No free or entrained water at -15°C and the saturation vapour pressure of the mixture. In any event, maximum water content shall not exceed 300 ppm (wt). |

In addition to the above quality specifications, the Product shall also be free of: catalyst poisons, olefins, organic halides, carbon dioxide, oxygenates, methanol, impurities and other objectionable substances which may be injurious to pipelines, or downstream facilities, or which may interfere with transmission through pipelines, or which may result in un-marketable Product in the system or interconnected downstream facilities.

Appendix B

| C3 | | | |
|---|-----------------|--------------------------------------|--|
| As per GPA Standard 2140-97 HD-5 Spec | | | |
| Specification | Min | Max | Test Method |
| Vapor pressure | | 208 psig at 100°F 1434 kPa at 37.8°C | ASTM D-1267 |
| Propane | 90.0 Liq. Vol.% | | ASTM D-2163 |
| Propylene | | 5.0 Liq. Vol.% | ASTM D-2163 |
| Butanes & Heavier | | 2.5 Liq. Vol.% | ASTM D2163 |
| Corrosion | | Copper Strip of IB | ASTM D1838 (Note A) |
| Total sulfur | | 123 ppmw | ASTM D-2784 |
| Volatile Residue Max Temp. at 95% evaporation | | -37.0°F -38.3°C | ASTM D1837 |
| Residual matter On evaporation of 100ml | | 0.05 ml | ASTM D-2158 |
| Residual matter Oil stain observation | | Pass | ASTM D-2158 (Note B) |
| Moisture content -Freeze Valve Test | | Pass | GPA Propane Dryness Test (Cobalt Bromide) or D-2713 |

Note A: This method may not accurately determine the corrosivity of the liquified petroleum gas if the sample contains corrosion inhibitors that diminish the corrosivity of the sample to copper strip. Therefore, the addition of such compounds for the sole purpose of biasing the test is prohibited.

Note B: An acceptable product shall not yield a persistent oil ring when 0.3 ml of solvent residue mixture is added to a filter paper in 0.1 increments and examined in daylight after 2 minutes as described in ASTM D-2158.

| Field Grade Butane | | | |
|---|---------------|----------------------------------|---------------------|
| Specification | Min | Max | Test Method |
| Vapor pressure | | 483 kPa (gauge) at 37.8°C | ASTM D1267 |
| Propane | | 3.0Liq.Vol.% | ASTMD2163 |
| Iso-Butane | 28.0 Liq. Vol | | ASTM D2163 |
| Butylene | | 0.5 Liq. Vol.% | ASTM D2163 |
| Pentanes & Heavier | | 2.0 Liq. Vol.% | ASTM D2163 |
| Volatile Sulfur | | 50.0ppmW | ASTMD2784 |
| Volatile Residue Max Temp. at 95% evaporation | | +2.2degrees C +36.0 degrees F | ASTM D1837 |
| Non-Volatile Residue On evaporation of 100ml | | 0.05 ml. max | ASTM D2158 |
| Water Content | None | | Visual |
| Corrosion | | Copper Strip of IB | ASTM D1838 (Note A) |

Note A: This method may not accurately determine the corrosivity of the liquified petroleum gas if the sample contains corrosion inhibitors that diminish the corrosivity of the sample to copperstrip. Therefore, the addition of such compounds for the sole purpose of biasing the test is prohibited.

Appendix B cont'd

| C5+ As per CRW Specs | | | | |
|---|---------------------|---------------------|------------|------------------------------|
| Specification | Unit | Min | Max | Test Method |
| Density (15 degrees C) | kg/rn 3 | 600 | 775 | ASTM 4052 |
| Viscosity (7.5 C) | cSt | | 2 | ASTM D445 |
| Sulfur, total | wt% | | 0.5 | ASTM D5453 |
| Olefins, total | wt% | | <1 | PONAOX(U) ASTM 6729(250 cut) |
| Reid Vapour Pressure | kPa @37.8 degrees C | | 103 | ASTM D323M |
| BS&W | vol% | | 0.5 | ASTM D95 |
| Organic Chlorides | wppm | | <1 | ASTM D4929 |
| Aromatics, total (BTEX) | vol% | 2 | | PONAOX(U) ASTM 6729 |
| Mercaptans, volatile (cumulative C1, C2,C3) | ppmw S | | 175 | ASTM D5623 |
| H2S (in liquid phase) | wppm | | 20 | ASTM D5623 |
| Benzene | vol% | | 1.6 | PONAOX(U) ASTM 6729 |
| Mercury | wppb | | 10 | UOP 938 (CVAA) |
| Oxygenates | wppm | | 100 | PONAOX(U) ASTM 6729 |
| Filterable Solids | mg/l | | 200 | ASTM D4807 |
| Phosphorous, volatile | ppm | Per CAPP guidelines | | ICP AES D86 (250 cut) |