

Proposed Issue #3  
CANCELS Issue #2



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## **Express and Platte Pipelines**

# **Commodity Acceptance Process**

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**Spectra Energy Liquids**

# Commodity Acceptance Process

## Background

This document outlines the Commodity Acceptance Process for all shippers of Spectra Energy Liquids Express and Platte Pipeline Systems. It establishes time frames, forms, and communication mechanisms for the acceptance of commodities to be transported on the two pipeline systems.

This Commodity Acceptance Process will be applied to existing streams on the pipeline system, under the provision of pre-approval, to standardize the complete list of commodities shipped on the system. The “commodities manual” produced in this fashion will be available to all shippers for reference and updated as streams enter and leave the specific pipelines.

## Overview

There are five stages to the Commodity Acceptance Process, namely

- 1) Formal Request (presented by potential shipper to Spectra Energy Liquids)
- 2) Review Process (completed by Spectra Energy Liquids)
- 3) Stakeholders’ Comments (collected by Spectra Energy Liquids from all shippers)
- 4) Commodity Acceptance (announcement by Spectra Energy Liquids)
- 5) Annual Commodity Review Process (completed by Spectra Energy Liquids)

Each stage in the Commodity Acceptance Process functions within a targeted time frame and results in documented approval/rejection.

## Stage 1 Formal Request

The Formal Request will be made by the requesting shipper, producer, or group of producers who wish to create and support the Commodity. The Formal Request will be submitted by the proposing party or parties to Spectra Energy Liquids, and must include a completed *Proposed Commodity Form*. A copy of the form is contained at the end of this section. The forecast information for the first year’s shipments will be used to determine routine handling requirements as well as special handling requirements if the latter are applicable.

The Formal Request should be submitted to Spectra Energy Liquids as early as possible as it may take up to 3 months before the first nomination for the proposed Commodity. Furthermore, if new facilities are required to manage the proposed stream, there may be a restriction on when the Commodity can commence shipment. The Commodity will not necessarily be able to commence shipment immediately after the Commodity Acceptance Process is complete.

## **Stage 2 Review Process**

The review process will be conducted by Spectra Energy Liquids within four (4) weeks of receipt of the completed Formal Request. The Formal Request will be reviewed for

### **I. Stream Quality**

- a) Determination of the Commodity tariff ranking.
- b) Are the Commodity's properties similar to an existing stream?
- c) Will the Commodity require special handling (buffers, flush batches, etc.)?
- d) Does the Commodity require segregated tankage at receipt, breakout, or delivery locations?
- e) Where in the shipping schedule should the Commodity be placed to minimize the quality impacts through the materials introduction?

### **II. Facilities Requirements**

- a) How will the Commodity access the system?
  - Do tanks, manifolds, booster pumps, or piping need to be modified?
- b) Are new facilities required?
  - Can the Commodity be incorporated in the short and long term facilities management planning process?
  - Potential impacts on future operations?

### **III. Service Levels**

- a) Will acceptance of this Commodity affect service levels provided by Spectra Energy Liquids?

On successful completion of the Review Process, Spectra Energy Liquids will notify existing shippers on the pipeline system that a Commodity will be accepted.

## **Stage 3 Stakeholders' Comments**

Stakeholders, shippers, and interested parties will have fourteen (14) days to express their comments in regards to the Commodity. All comments will be directed to Spectra Energy Liquids in writing. Spectra Energy Liquids will compile all feedback, and will work to resolve any and all issues related to the approval of the Commodity within the time frame available. Amendments to the original Proposed Commodity Form may be required to complete the application.

## **Stage 4 Commodity Acceptance**

Final commodity acceptance will be issued by Spectra Energy Liquids on completion of the Stakeholder's Comments period. Spectra Energy Liquids will issue notification to shippers when a Commodity has been granted final approval for acceptance.

## **Stage 5 Annual Commodity Review Process**

Spectra Energy Liquids will be performing an annual Commodity review process. All commodities that have not been shipped for the previous 2 years will be placed on a conditionally approved list and notification will be sent to the shippers. The commodities will remain in this state for 1 year, after which, if they are not shipped, they will be removed from the approved Commodity list. See Schedule A for the complete approved Commodity list.

## Spectra Energy Liquids Inc. Proposed Commodity Form

*Application for Commodity Acceptance. Please complete all fields on this form.*

### Contact Information

Company Name: \_\_\_\_\_ Required First Shipment Date: \_\_\_\_\_  
 Key Person: \_\_\_\_\_ Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

### Commodity Identification

Common Name of Proposed Commodity: \_\_\_\_\_  
 Classification for Tariff: \_\_\_\_\_ Classification for Shipping: \_\_\_\_\_  
 Feeder System(s): \_\_\_\_\_  
 Receipt Location(s): \_\_\_\_\_  
 Delivery Location(s): \_\_\_\_\_  
 Uses Spectra Energy Liquids receipt tankage?                      Yes    No  
 Uses Spectra Energy Liquids delivery tankage?                      Yes    No

<b>Quality Test Name</b>	<b>Procedure</b>	<b>Result</b>	<b>Satisfaction</b>
Density (kg/m <sup>3</sup> at 15°C)	ASTM D1298 or D5002		
Kinematic Viscosity (cSt at 10°C,20°C,30°C)	ASTM D445		
Water & Sediment (volume %)	ASTM D4007		
Reid Vapour Pressure kPa absolute at 38.7°C	ASTM D323A		
Pour Point (°C)	ASTM D5853A or D5853B		
Sulphur content: 1) total sulphur (weight %) 2) hydrogen sulphide (weight ppm) 3) volatile mercaptan sulphur (weight ppm)	ASTM D4294 or D2622 ASTM D5623M ASTM D5623M		
Organic Chlorides (weight ppm)	ASTM D4929		
Olefins (weight ppm)	ASTM D1319		
Salt Content (weight ppm)	ASTM D3230		
Neutralization Number (mg KOH/g)	ASTM D664		
Metals (weight ppm) 1)nickel 2) vanadium 3) iron	Plasma Analysis		
Simulated Distillation (mass % distilled)	ASTM D5307 or extended D2887	Attach SIMDIST report	

**Volume forecast** (indicate ramp up and timing of step changes)

<b>Period</b>							
<b>M3/day</b>							

*Results are to be submitted as a signed Certificate of Analysis.* Spectra Energy Liquids reserves the right to independently test and confirm the commodity's characteristics.

Service Expectations or special handling requests (buffers, segregated tankage, etc.)

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## Schedule A

Product Code	Product Description	Typical Grade	High TAN	Approved Pipeline	
				Express	Platte
ASH**	Wyoming Asphalt	H			Y
AWB*	Access Western Blend	SH	Y	Y	Y
BHB*	Borealis Heavy Blend	SH	Y	Y	Y
BR	Bow River	H		Y	Y
CDB*	Christina Lake Dilbit	SH	Y	Y	Y
CHV	Conventional Heavy Pool	SH		Y	Y
CHY	Chevron Heavy Crude Blend	SH			Y
CL	Cold Lake	SH		Y	Y
CRW**	Light Sweet Condensate Blend	L			Y
GS **	Platte General Sour	H			Y
HDB	Hangingstone Dilbit Blend	SH	Y	Y	Y
HSB*	Husky Synthetic Blend	L		Y	Y
HSC	Hardisty Synthetic Crude Pool	L		Y	Y
KDB*	Kearl Heavy Dilbit Pool	SH	Y	Y	Y
LLB	Lloydminster Hardisty	SH		Y	Y
MSB	Medium Sour Blend Pool	L		Y	Y
OSH*	Suncor Oil Sands - H	SH	Y	Y	Y
PS**	Platte Sweet	L			Y
PSY	Premium Synthetic Pool	L		Y	Y
SDB*	Sunrise Dilbit	SH	Y	Y	Y
SH*	Seal Heavy	SH	Y	Y	Y
SHB*	Surmont Heavy Blend	SH	Y	Y	Y
SO	Hardisty Light	M		Y	Y
SW	Mixed Blend Sweet	L		Y	Y
SYB*	Synbit Blend Pool	SH	Y	Y	Y
SYN	Synthetic Sweet Blend Pool	L		Y	Y
WCB	Western Canadian Blend	SH		Y	Y
WCS	Western Canadian Select	SH		Y	Y

\* Indicates Special Requirements

\*\* Refers to US Domestic