

Colonial Pipeline Company

Section 4 Quality Assurance

Colonial Pipeline Company

BASIC REQUIREMENTS

This section provides basic product specification information for scheduling on Colonial's pipeline system.

Fungible Batches

A "fungible batch" is defined as a batch of petroleum product meeting carrier's established specifications, which may be commingled with other quantities of petroleum product meeting the same specifications.

Fungible product specifications are established based on industry standards, federal and state requirements, and Colonial's ability to handle various products. Fungible products provide shippers with a significant degree of flexibility for scheduling lifting and delivery times.

Segregated Batches

A "segregated batch" is defined as a batch of petroleum product meeting carrier's established specifications, which may not be commingled with other quantities. A batch may be segregated because it has properties that differ from the fungible specifications.

All products must meet tariff and product specification requirements. Colonial has set tariff requirements to meet the physical constraints of the system. The tariff product requirements are:
Be free from water or other impurities.

Have a color less than No. 3 ASTM.

Have a vapor pressure of not more than 15 pounds absolute at 100 degrees Fahrenheit.

Have an API gravity of more than 25 degrees or less than 80 degrees at 60 degrees Fahrenheit.

Have a viscosity of less than 4.3 centistoke at 100 degrees Fahrenheit.

Distillates must have a temperature of less than 110 degrees Fahrenheit.

Gasoline must have a temperature of less than 100 degrees Fahrenheit.

Be capable of absorbing a blend of at least 5% of other like gasolines or distillates, unless the shipper accepts any increase in interface mixture.

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Product specification requirements allow for the proper sequencing of the batch to minimize interface mixing with incompatible products.

Special Products

Quality Assurance assists shippers in transporting special batches through Colonial's system. With advance planning before shipment and monitoring of these batches through the system, Colonial is able to handle many different types of refined petroleum products. Requests for shipment of special products must meet Colonial's minimum batch size requirements.

Handling Procedures

Colonial's handling procedures are developed by focusing on the physical limits of the system; such as interface sizes, valve travel times, product compatibility with system materials, Colonial tankage, and pipeline operations. Sequencing and "cutting" procedures are controlled to maintain the quality of product through Colonial's system.

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SEASONAL REQUIREMENTS

GASOLINE

REID VAPOR PRESSURE/VOLATILITY

The tables on the following pages summarize the schedule for movements of each fungible product on Colonial. Movement of certain product grades during seasonal transitions will be controlled based on volumes and available tank capacity as noted in the Tables. Movements of product grades outside the designated cycles will be addressed individually. Bulletins will be posted to communicate any changes to this schedule.

DISTILLATES

DIESEL FUEL CLOUD AND POUR POINT

Due to the operating requirements of the diesel fuels in the winter months, the pour point and cloud point have been set to meet seasonal conditions. The seasonal requirement will be effective in the cycle of the fungible product lifting from Houston on the following dates.

SUMMER REQUIREMENT

March 15

WINTER REQUIREMENT

August 1

2012 Pelham Tankfarm RVP Transition Calendar

	HTN Lifts	Pelham Del																			
Cycle 1	1/7/2012	1/11/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Cycle 1
Cycle 2	1/12/2012	1/16/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Cycle 2
Cycle 4	1/17/2012	1/21/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Cycle 4
Cycle 5	1/22/2012	1/26/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Cycle 5
Cycle 6	1/27/2012	1/31/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Cycle 6
Cycle 7	2/1/2012	2/5/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Cycle 7
Cycle 8	2/6/2012	2/10/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Cycle 8
Cycle 9	2/11/2012	2/15/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Cycle 9
Cycle 10	2/16/2012	2/20/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Cycle 10
Cycle 11	2/21/2012	2/25/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Cycle 11
Cycle 12	2/26/2012	3/1/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Cycle 12
Cycle 13	3/2/2012	3/6/2012	A4	M4	-	-	-	A3	M3	V3	-	-	-	-	-	-	-	-	-	-	Cycle 13
Cycle 14	3/7/2012	3/11/2012	-	-	-	-	-	A3	M3	V3	-	-	-	-	-	-	-	-	-	-	Cycle 14
Cycle 15	3/12/2012	3/16/2012	-	-	-	-	-	A3	M3	V3	-	-	-	-	-	-	-	-	-	-	Cycle 15
Cycle 16	3/17/2012	3/21/2012	-	-	-	-	-	A3	M3	V3	-	-	-	-	-	-	-	-	-	-	Cycle 16
Cycle 17	3/22/2012	3/26/2012	-	-	-	-	-	A3	M3	V3	-	-	-	-	-	-	-	-	-	-	Cycle 17
Cycle 18	3/27/2012	3/31/2012	-	-	-	-	-	-	-	-	A2	M2	V2	-	-	-	-	-	-	-	Cycle 18
Cycle 19	4/1/2012	4/5/2012	-	-	-	-	-	-	-	-	A2	M2	V2	-	-	-	-	-	-	-	Cycle 19
Cycle 20	4/6/2012	4/10/2012	-	-	-	-	-	-	-	-	A2	M2	V2	-	-	-	-	-	-	-	Cycle 20
Cycle 21	4/11/2012	4/15/2012	-	-	-	-	-	-	-	-	A2	M2	V2	-	-	-	-	-	-	-	Cycle 21
Cycle 22	4/16/2012	4/20/2012	-	-	-	-	-	-	-	-	A2	M2	V2	-	-	-	-	-	-	-	Cycle 22
Cycle 23	4/21/2012	4/25/2012	-	-	-	-	-	-	-	-	A2	M2	V2	-	-	-	-	-	-	-	Cycle 23
Cycle 24	4/26/2012	4/30/2012	-	-	-	-	-	-	-	-	A2	M2	V2	S0	T0	-	-	-	-	-	Cycle 24
Cycle 25	5/1/2012	5/5/2012	-	-	-	-	-	-	-	-	A2	M2	V2	S0	T0	-	-	-	-	-	Cycle 25
Cycle 26	5/6/2012	5/10/2012	-	-	-	-	-	-	-	-	A2	M2	V2	S0	T0	-	-	-	-	-	Cycle 26
Cycle 27	5/11/2012	5/15/2012	-	-	-	-	-	-	-	-	A2	M2	V2	S0	T0	-	-	-	-	-	Cycle 27
Cycle 28	5/16/2012	5/20/2012	-	-	-	-	-	-	-	-	A2	M2	V2	S0	T0	-	-	-	-	-	Cycle 28
Cycle 29	5/21/2012	5/25/2012	-	-	-	-	-	-	-	-	A2	M2	V2	S0	T0	-	-	-	-	-	Cycle 29
Cycle 30	5/26/2012	5/30/2012	-	-	-	-	-	-	-	-	A2	M2	V2	S0	T0	-	-	-	-	-	Cycle 30
Cycle 31	5/31/2012	6/4/2012	-	-	-	-	-	-	-	-	A2	M2	V2	S0	-	-	-	-	-	-	Cycle 31
Cycle 32	6/5/2012	6/9/2012	-	-	-	-	-	-	-	-	A2	M2	V2	S0	T0	-	-	-	-	-	Cycle 32
Cycle 33	6/10/2012	6/14/2012	-	-	-	-	-	-	-	-	A2	M2	V2	S0	-	-	-	-	-	-	Cycle 33
Cycle 34	6/15/2012	6/19/2012	-	-	-	-	-	-	-	-	A2	M2	V2	S0	T0	-	-	-	-	-	Cycle 34
Cycle 35	6/20/2012	6/24/2012	-	-	-	-	-	-	-	-	A2	M2	V2	S0	-	-	-	-	-	-	Cycle 35
Cycle 36	6/25/2012	6/29/2012	-	-	-	-	-	-	-	-	A2	M2	V2	S0	T0	-	-	-	-	-	Cycle 36
Cycle 37	6/30/2012	7/4/2012	-	-	-	-	-	-	-	-	A2	M2	V2	S0	-	-	-	-	-	-	Cycle 37
Cycle 38	7/5/2012	7/9/2012	-	-	-	-	-	-	-	-	A2	M2	V2	S0	T0	-	-	-	-	-	Cycle 38
Cycle 39	7/10/2012	7/14/2012	-	-	-	-	-	-	-	-	A2	M2	V2	S0	-	-	-	-	-	-	Cycle 39
Cycle 40	7/15/2012	7/19/2012	-	-	-	-	-	-	-	-	A2	M2	V2	S0	T0	-	-	-	-	-	Cycle 40
Cycle 41	7/20/2012	7/24/2012	-	-	-	-	-	-	-	-	A2	M2	V2	S0	-	-	-	-	-	-	Cycle 41
Cycle 42	7/25/2012	7/29/2012	-	-	-	-	-	-	-	-	A2	M2	V2	S0	T0	-	-	-	-	-	Cycle 42
Cycle 43	7/30/2012	8/3/2012	-	-	-	-	-	-	-	-	A2	M2	V2	S0	-	-	-	-	-	-	Cycle 43
Cycle 44	8/4/2012	8/8/2012	-	-	-	-	-	-	-	-	A2	M2	V2	S0	T0	-	-	-	-	-	Cycle 44
Cycle 45	8/9/2012	8/13/2012	-	-	-	-	-	-	-	-	A2	M2	V2	S0	-	-	-	-	-	-	Cycle 45
Cycle 46	8/14/2012	8/18/2012	-	-	-	-	-	-	-	-	A2	M2	V2	S0	T0	-	-	-	-	-	Cycle 46
Cycle 47	8/19/2012	8/23/2012	-	-	-	-	-	-	-	-	A2	M2	V2	S0	-	-	-	-	-	-	Cycle 47
Cycle 48	8/24/2012	8/28/2012	-	-	-	-	-	-	-	-	A2	M2	V2	S0	T0	-	-	-	-	-	Cycle 48
Cycle 49	8/29/2012	9/2/2012	-	-	-	-	-	-	-	-	A2	M2	V2	S0	-	-	-	-	-	-	Cycle 49
Cycle 50	9/3/2012	9/7/2012	-	-	-	-	-	-	-	-	A2	M2	V2	S0	T0	-	-	-	-	-	Cycle 50
Cycle 51	9/8/2012	9/12/2012	-	-	-	-	-	-	-	-	A2	M2	V2	S0	-	-	-	-	-	-	Cycle 51
Cycle 52	9/13/2012	9/17/2012	-	-	-	-	-	A3	M3	V3	-	-	-	-	-	-	-	-	-	-	Cycle 52
Cycle 53	9/18/2012	9/22/2012	-	-	-	-	-	A3	M3	V3	-	-	-	-	-	-	-	-	-	-	Cycle 53
Cycle 54	9/23/2012	9/27/2012	-	-	-	-	-	A3	M3	V3	-	-	-	-	-	-	-	-	-	-	Cycle 54
Cycle 55	9/28/2012	10/2/2012	-	-	-	-	-	A3	M3	V3	-	-	-	-	-	-	-	-	-	-	Cycle 55
Cycle 56	10/3/2012	10/7/2012	-	-	-	-	-	A3	M3	V3	-	-	-	-	-	-	-	-	-	-	Cycle 56
Cycle 57	10/8/2012	10/12/2012	-	-	-	-	-	A3	M3	V3	-	-	-	-	-	-	-	-	-	-	Cycle 57
Cycle 58	10/13/2012	10/17/2012	-	-	-	-	-	A3	M3	V3	-	-	-	-	-	-	-	-	-	-	Cycle 58
Cycle 59	10/18/2012	10/22/2012	-	-	-	-	-	A3	M3	V3	-	-	-	-	-	-	-	-	-	-	Cycle 59
Cycle 60	10/23/2012	10/27/2012	-	-	-	-	-	A3	M3	V3	-	-	-	-	-	-	-	-	-	-	Cycle 60
Cycle 61	10/28/2012	11/1/2012	-	-	-	-	-	A3	M3	V3	-	-	-	-	-	-	-	-	-	-	Cycle 61
Cycle 62	11/2/2012	11/6/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Cycle 62
Cycle 63	11/7/2012	11/11/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Cycle 63
Cycle 64	11/12/2012	11/16/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Cycle 64
Cycle 65	11/17/2012	11/21/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Cycle 65
Cycle 66	11/22/2012	11/26/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Cycle 66
Cycle 67	11/27/2012	12/1/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Cycle 67
Cycle 68	12/2/2012	12/6/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Cycle 68
Cycle 69	12/7/2012	12/11/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Cycle 69
Cycle 70	12/12/2012	12/16/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Cycle 70
Cycle 71	12/17/2012	12/21/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Cycle 71
Cycle 72	12/22/2012	12/26/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Cycle 72

- Grade not allowed

The cycles are binding. The dates listed are approximate dates for liftings and deliveries and the purpose of the dates is to provide guidance to the shipping community regarding the targeted transition dates for the different volatility grades.

The dates for the RVP transition down in the spring and up in the fall are derived from ASTM D4814 volatility requirements set by ASTM, EPA, state and local regulations which take into account environmental and vehicle driveability considerations in each geographic area.

Starting September 16th, low RVP grades of gasoline may be commingled with the corresponding next higher RVP grade of gasoline due to tankage constraints. Bulletin notification of the specific cycles and locations will be made prior to commingling.

2012 Belton Tankfarm RVP Transition Calendar

	HTN Lifts		BLI Del															
Cycle 1	1/7/2012		1/13/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	Cycle 1
Cycle 2	1/12/2012		1/18/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	Cycle 2
Cycle 4	1/17/2012		1/23/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	Cycle 4
Cycle 5	1/22/2012		1/28/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	Cycle 5
Cycle 6	1/27/2012		2/2/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	Cycle 6
Cycle 7	2/1/2012		2/7/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	Cycle 7
Cycle 8	2/6/2012		2/12/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	Cycle 8
Cycle 9	2/11/2012		2/17/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	Cycle 9
Cycle 10	2/16/2012		2/22/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	Cycle 10
Cycle 11	2/21/2012		2/27/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	Cycle 11
Cycle 12	2/26/2012		3/3/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	Cycle 12
Cycle 13	3/2/2012		3/8/2012	A4	M4	-	A3	M3	V3	-	-	-	-	-	-	-	-	Cycle 13
Cycle 14	3/7/2012		3/13/2012	-	-	-	A3	M3	V3	-	-	-	-	-	-	-	-	Cycle 14
Cycle 15	3/12/2012		3/18/2012	-	-	-	A3	M3	V3	-	-	-	-	-	-	-	-	Cycle 15
Cycle 16	3/17/2012		3/23/2012	-	-	-	A3	M3	V3	-	-	-	-	-	-	-	-	Cycle 16
Cycle 17	3/22/2012		3/28/2012	-	-	-	A3	M3	V3	-	-	-	-	-	-	-	-	Cycle 17
Cycle 18	3/27/2012		4/2/2012	-	-	-	-	-	-	A2	M2	V2	-	-	-	-	-	Cycle 18
Cycle 19	4/1/2012		4/7/2012	-	-	-	-	-	-	A2	M2	V2	-	-	-	-	-	Cycle 19
Cycle 20	4/6/2012		4/12/2012	-	-	-	-	-	-	A2	M2	V2	-	-	-	-	-	Cycle 20
Cycle 21	4/11/2012		4/17/2012	-	-	-	-	-	-	A2	M2	V2	-	-	-	-	-	Cycle 21
Cycle 22	4/16/2012		4/22/2012	-	-	-	-	-	-	A2	M2	V2	-	-	-	-	-	Cycle 22
Cycle 23	4/21/2012		4/27/2012	-	-	-	-	-	-	A2	M2	V2	-	-	-	-	-	Cycle 23
Cycle 24	4/26/2012		5/2/2012	-	-	-	-	-	-	A2	M2	V2	-	-	-	-	-	Cycle 24
Cycle 25	5/1/2012		5/7/2012	-	-	-	-	-	-	A2	M2	V2	-	-	-	-	-	Cycle 25
Cycle 26	5/6/2012		5/12/2012	-	-	-	-	-	-	A2	M2	V2	-	-	-	-	-	Cycle 26
Cycle 27	5/11/2012		5/17/2012	-	-	-	-	-	-	A2	M2	V2	-	-	-	-	-	Cycle 27
Cycle 28	5/16/2012		5/22/2012	-	-	-	-	-	-	A2	M2	V2	-	-	-	-	-	Cycle 28
Cycle 29	5/21/2012		5/27/2012	-	-	-	-	-	-	A2	M2	V2	-	-	-	-	-	Cycle 29
Cycle 30	5/26/2012		6/1/2012	-	-	-	-	-	-	A2	M2	V2	-	-	-	-	-	Cycle 30
Cycle 31	5/31/2012		6/6/2012	-	-	-	-	-	-	A2	M2	V2	-	-	-	-	-	Cycle 31
Cycle 32	6/5/2012		6/11/2012	-	-	-	-	-	-	A2	M2	V2	-	-	-	-	-	Cycle 32
Cycle 33	6/10/2012		6/16/2012	-	-	-	-	-	-	A2	M2	V2	-	-	-	-	-	Cycle 33
Cycle 34	6/15/2012		6/21/2012	-	-	-	-	-	-	A2	M2	V2	-	-	-	-	-	Cycle 34
Cycle 35	6/20/2012		6/26/2012	-	-	-	-	-	-	A2	M2	V2	-	-	-	-	-	Cycle 35
Cycle 36	6/25/2012		7/1/2012	-	-	-	-	-	-	A2	M2	V2	-	-	-	-	-	Cycle 36
Cycle 37	6/30/2012		7/6/2012	-	-	-	-	-	-	A2	M2	V2	-	-	-	-	-	Cycle 37
Cycle 38	7/5/2012		7/11/2012	-	-	-	-	-	-	A2	M2	V2	-	-	-	-	-	Cycle 38
Cycle 39	7/10/2012		7/16/2012	-	-	-	-	-	-	A2	M2	V2	-	-	-	-	-	Cycle 39
Cycle 40	7/15/2012		7/21/2012	-	-	-	-	-	-	A2	M2	V2	-	-	-	-	-	Cycle 40
Cycle 41	7/20/2012		7/26/2012	-	-	-	-	-	-	A2	M2	V2	-	-	-	-	-	Cycle 41
Cycle 42	7/25/2012		7/31/2012	-	-	-	-	-	-	A2	M2	V2	-	-	-	-	-	Cycle 42
Cycle 43	7/30/2012		8/5/2012	-	-	-	-	-	-	A2	M2	V2	-	-	-	-	-	Cycle 43
Cycle 44	8/4/2012		8/10/2012	-	-	-	-	-	-	A2	M2	V2	-	-	-	-	-	Cycle 44
Cycle 45	8/9/2012		8/15/2012	-	-	-	-	-	-	A2	M2	V2	-	-	-	-	-	Cycle 45
Cycle 46	8/14/2012		8/20/2012	-	-	-	-	-	-	A2	M2	V2	-	-	-	-	-	Cycle 46
Cycle 47	8/19/2012		8/25/2012	-	-	-	-	-	-	A2	M2	V2	-	-	-	-	-	Cycle 47
Cycle 48	8/24/2012		8/30/2012	-	-	-	-	-	-	A2	M2	V2	-	-	-	-	-	Cycle 48
Cycle 49	8/29/2012		9/4/2012	-	-	-	-	-	-	A2	M2	V2	-	-	-	-	-	Cycle 49
Cycle 50	9/3/2012		9/9/2012	-	-	-	-	-	-	A2	M2	V2	-	-	-	-	-	Cycle 50
Cycle 51	9/8/2012		9/14/2012	-	-	-	A3	M3	V3	A2	M2	V2	-	-	-	-	-	Cycle 51
Cycle 52	9/13/2012		9/19/2012	-	-	-	A3	M3	V3	-	-	-	-	-	-	-	-	Cycle 52
Cycle 53	9/18/2012		9/24/2012	-	-	-	A3	M3	V3	-	-	-	-	-	-	-	-	Cycle 53
Cycle 54	9/23/2012		9/29/2012	-	-	-	A3	M3	V3	-	-	-	-	-	-	-	-	Cycle 54
Cycle 55	9/28/2012		10/4/2012	-	-	-	A3	M3	V3	-	-	-	-	-	-	-	-	Cycle 55
Cycle 56	10/3/2012		10/9/2012	-	-	-	A3	M3	V3	-	-	-	-	-	-	-	-	Cycle 56
Cycle 57	10/8/2012		10/14/2012	-	-	-	A3	M3	V3	-	-	-	-	-	-	-	-	Cycle 57
Cycle 58	10/13/2012		10/19/2012	-	-	-	A3	M3	V3	-	-	-	-	-	-	-	-	Cycle 58
Cycle 59	10/18/2012		10/24/2012	-	-	-	A3	M3	V3	-	-	-	-	-	-	-	-	Cycle 59
Cycle 60	10/23/2012		10/29/2012	A4	M4	V4	A3	M3	V3	-	-	-	-	-	-	-	-	Cycle 60
Cycle 61	10/28/2012		11/3/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	Cycle 61
Cycle 62	11/2/2012		11/8/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	Cycle 62
Cycle 63	11/7/2012		11/13/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	Cycle 63
Cycle 64	11/12/2012		11/18/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	Cycle 64
Cycle 65	11/17/2012		11/23/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	Cycle 65
Cycle 66	11/22/2012		11/28/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	Cycle 66
Cycle 67	11/27/2012		12/3/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	Cycle 67
Cycle 68	12/2/2012		12/8/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	Cycle 68
Cycle 69	12/7/2012		12/13/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	Cycle 69
Cycle 70	12/12/2012		12/18/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	Cycle 70
Cycle 71	12/17/2012		12/23/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	Cycle 71
Cycle 72	12/22/2012		12/28/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	Cycle 72

- Grade not allowed

The cycles are binding. The dates listed are approximate dates for liftings and deliveries and the purpose of the dates is to provide guidance to the shipping community regarding the targeted transition dates for the different volatility grades.

The dates for the RVP transition down in the spring and up in the fall are derived from ASTM D4814 volatility requirements set by ASTM, EPA, state and local regulations which take into account environmental and vehicle driveability considerations in each geographic area.

Starting September 16th, low RVP grades of gasoline may be commingled with the corresponding next higher RVP grade of gasoline due to tankage constraints. Bulletin notification of the specific cycles and locations will be made prior to commingling.

2012 Spartanburg Tankfarm RVP Transition Calendar

	HTN Lifts		SPI Del															
Cycle 1	1/7/2012		1/13/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	Cycle 1
Cycle 2	1/12/2012		1/18/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	Cycle 2
Cycle 4	1/17/2012		1/23/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	Cycle 4
Cycle 5	1/22/2012		1/28/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	Cycle 5
Cycle 6	1/27/2012		2/2/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	Cycle 6
Cycle 7	2/1/2012		2/7/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	Cycle 7
Cycle 8	2/6/2012		2/12/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	Cycle 8
Cycle 9	2/11/2012		2/17/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	Cycle 9
Cycle 10	2/16/2012		2/22/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	Cycle 10
Cycle 11	2/21/2012		2/27/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	Cycle 11
Cycle 12	2/26/2012		3/3/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	Cycle 12
Cycle 13	3/2/2012		3/8/2012	A4	M4	-	A3	M3	V3	-	-	-	-	-	-	-	-	Cycle 13
Cycle 14	3/7/2012		3/13/2012	-	-	-	A3	M3	V3	-	-	-	-	-	-	-	-	Cycle 14
Cycle 15	3/12/2012		3/18/2012	-	-	-	A3	M3	V3	-	-	-	-	-	-	-	-	Cycle 15
Cycle 16	3/17/2012		3/23/2012	-	-	-	A3	M3	V3	-	-	-	-	-	-	-	-	Cycle 16
Cycle 17	3/22/2012		3/28/2012	-	-	-	A3	M3	V3	-	-	-	-	-	-	-	-	Cycle 17
Cycle 18	3/27/2012		4/2/2012	-	-	-	-	-	-	A2	M2	V2	-	-	-	-	-	Cycle 18
Cycle 19	4/1/2012		4/7/2012	-	-	-	-	-	-	A2	M2	V2	-	-	-	-	-	Cycle 19
Cycle 20	4/6/2012		4/12/2012	-	-	-	-	-	-	A2	M2	V2	-	-	-	-	-	Cycle 20
Cycle 21	4/11/2012		4/17/2012	-	-	-	-	-	-	A2	M2	V2	-	-	-	-	-	Cycle 21
Cycle 22	4/16/2012		4/22/2012	-	-	-	-	-	-	A2	M2	V2	-	-	-	-	-	Cycle 22
Cycle 23	4/21/2012		4/27/2012	-	-	-	-	-	-	A2	M2	V2	-	-	-	-	-	Cycle 23
Cycle 24	4/26/2012		5/2/2012	-	-	-	-	-	-	A2	M2	V2	-	-	-	-	-	Cycle 24
Cycle 25	5/1/2012		5/7/2012	-	-	-	-	-	-	A2	M2	V2	-	-	-	-	-	Cycle 25
Cycle 26	5/6/2012		5/12/2012	-	-	-	-	-	-	A2	M2	V2	-	-	-	-	-	Cycle 26
Cycle 27	5/11/2012		5/17/2012	-	-	-	-	-	-	A2	M2	V2	-	-	-	-	-	Cycle 27
Cycle 28	5/16/2012		5/22/2012	-	-	-	-	-	-	A2	M2	V2	-	-	-	-	-	Cycle 28
Cycle 29	5/21/2012		5/27/2012	-	-	-	-	-	-	A2	M2	V2	-	-	-	-	-	Cycle 29
Cycle 30	5/26/2012		6/1/2012	-	-	-	-	-	-	A2	M2	V2	-	-	-	-	-	Cycle 30
Cycle 31	5/31/2012		6/6/2012	-	-	-	-	-	-	A2	M2	V2	-	-	-	-	-	Cycle 31
Cycle 32	6/5/2012		6/11/2012	-	-	-	-	-	-	A2	M2	V2	-	-	-	-	-	Cycle 32
Cycle 33	6/10/2012		6/16/2012	-	-	-	-	-	-	A2	M2	V2	-	-	-	-	-	Cycle 33
Cycle 34	6/15/2012		6/21/2012	-	-	-	-	-	-	A2	M2	V2	-	-	-	-	-	Cycle 34
Cycle 35	6/20/2012		6/26/2012	-	-	-	-	-	-	A2	M2	V2	-	-	-	-	-	Cycle 35
Cycle 36	6/25/2012		7/1/2012	-	-	-	-	-	-	A2	M2	V2	-	-	-	-	-	Cycle 36
Cycle 37	6/30/2012		7/6/2012	-	-	-	-	-	-	A2	M2	V2	-	-	-	-	-	Cycle 37
Cycle 38	7/5/2012		7/11/2012	-	-	-	-	-	-	A2	M2	V2	-	-	-	-	-	Cycle 38
Cycle 39	7/10/2012		7/16/2012	-	-	-	-	-	-	A2	M2	V2	-	-	-	-	-	Cycle 39
Cycle 40	7/15/2012		7/21/2012	-	-	-	-	-	-	A2	M2	V2	-	-	-	-	-	Cycle 40
Cycle 41	7/20/2012		7/26/2012	-	-	-	-	-	-	A2	M2	V2	-	-	-	-	-	Cycle 41
Cycle 42	7/25/2012		7/31/2012	-	-	-	-	-	-	A2	M2	V2	-	-	-	-	-	Cycle 42
Cycle 43	7/30/2012		8/5/2012	-	-	-	-	-	-	A2	M2	V2	-	-	-	-	-	Cycle 43
Cycle 44	8/4/2012		8/10/2012	-	-	-	-	-	-	A2	M2	V2	-	-	-	-	-	Cycle 44
Cycle 45	8/9/2012		8/15/2012	-	-	-	-	-	-	A2	M2	V2	-	-	-	-	-	Cycle 45
Cycle 46	8/14/2012		8/20/2012	-	-	-	-	-	-	A2	M2	V2	-	-	-	-	-	Cycle 46
Cycle 47	8/19/2012		8/25/2012	-	-	-	-	-	-	A2	M2	V2	-	-	-	-	-	Cycle 47
Cycle 48	8/24/2012		8/30/2012	-	-	-	-	-	-	A2	M2	V2	-	-	-	-	-	Cycle 48
Cycle 49	8/29/2012		9/4/2012	-	-	-	-	-	-	A2	M2	V2	-	-	-	-	-	Cycle 49
Cycle 50	9/3/2012		9/9/2012	-	-	-	-	-	-	A2	M2	V2	-	-	-	-	-	Cycle 50
Cycle 51	9/8/2012		9/14/2012	-	-	-	A3	M3	V3	A2	M2	V2	-	-	-	-	-	Cycle 51
Cycle 52	9/13/2012		9/19/2012	-	-	-	A3	M3	V3	-	-	-	-	-	-	-	-	Cycle 52
Cycle 53	9/18/2012		9/24/2012	-	-	-	A3	M3	V3	-	-	-	-	-	-	-	-	Cycle 53
Cycle 54	9/23/2012		9/29/2012	-	-	-	A3	M3	V3	-	-	-	-	-	-	-	-	Cycle 54
Cycle 55	9/28/2012		10/4/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	Cycle 55
Cycle 56	10/3/2012		10/9/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	Cycle 56
Cycle 57	10/8/2012		10/14/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	Cycle 57
Cycle 58	10/13/2012		10/19/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	Cycle 58
Cycle 59	10/18/2012		10/24/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	Cycle 59
Cycle 60	10/23/2012		10/29/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	Cycle 60
Cycle 61	10/28/2012		11/3/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	Cycle 61
Cycle 62	11/2/2012		11/8/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	Cycle 62
Cycle 63	11/7/2012		11/13/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	Cycle 63
Cycle 64	11/12/2012		11/18/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	Cycle 64
Cycle 65	11/17/2012		11/23/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	Cycle 65
Cycle 66	11/22/2012		11/28/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	Cycle 66
Cycle 67	11/27/2012		12/3/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	Cycle 67
Cycle 68	12/2/2012		12/8/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	Cycle 68
Cycle 69	12/7/2012		12/13/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	Cycle 69
Cycle 70	12/12/2012		12/18/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	Cycle 70
Cycle 71	12/17/2012		12/23/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	Cycle 71
Cycle 72	12/22/2012		12/28/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	Cycle 72

- Grade not allowed

The cycles are binding. The dates listed are approximate dates for liftings and deliveries and the purpose of the dates is to provide guidance to the shipping community regarding the targeted transition dates for the different volatility grades.

The dates for the RVP transition down in the spring and up in the fall are derived from ASTM D4814 volatility requirements set by ASTM, EPA, state and local regulations which take into account environmental and vehicle driveability considerations in each geographic area.

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2012 Charlotte Tankfarm RVP Transition Calendar

	HTN Lifts	CRJ Del																
Cycle 1	1/7/2012	1/14/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	-	Cycle 1
Cycle 2	1/12/2012	1/19/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	-	Cycle 2
Cycle 4	1/17/2012	1/24/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	-	Cycle 4
Cycle 5	1/22/2012	1/29/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	-	Cycle 5
Cycle 6	1/27/2012	2/3/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	-	Cycle 6
Cycle 7	2/1/2012	2/8/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	-	Cycle 7
Cycle 8	2/6/2012	2/13/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	-	Cycle 8
Cycle 9	2/11/2012	2/18/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	-	Cycle 9
Cycle 10	2/16/2012	2/23/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	-	Cycle 10
Cycle 11	2/21/2012	2/28/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	-	Cycle 11
Cycle 12	2/26/2012	3/4/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	-	Cycle 12
Cycle 13	3/2/2012	3/9/2012	A4	M4	-	A3	M3	V3	-	-	-	-	-	-	-	-	-	Cycle 13
Cycle 14	3/7/2012	3/14/2012	-	-	-	A3	M3	V3	-	-	-	-	-	-	-	-	-	Cycle 14
Cycle 15	3/12/2012	3/19/2012	-	-	-	A3	M3	V3	-	-	-	-	-	-	-	-	-	Cycle 15
Cycle 16	3/17/2012	3/24/2012	-	-	-	A3	M3	V3	-	-	-	-	-	-	-	-	-	Cycle 16
Cycle 17	3/22/2012	3/29/2012	-	-	-	A3	M3	V3	-	-	-	-	-	-	-	-	-	Cycle 17
Cycle 18	3/27/2012	4/3/2012	-	-	-	-	-	-	A2	M2	V2	-	-	-	-	-	-	Cycle 18
Cycle 19	4/1/2012	4/8/2012	-	-	-	-	-	-	A2	M2	V2	A1	M1	V1	-	-	-	Cycle 19
Cycle 20	4/6/2012	4/13/2012	-	-	-	-	-	-	A2	M2	V2	A1	M1	V1	-	-	-	Cycle 20
Cycle 21	4/11/2012	4/18/2012	-	-	-	-	-	-	A2	M2	V2	A1	M1	V1	-	-	-	Cycle 21
Cycle 22	4/16/2012	4/23/2012	-	-	-	-	-	-	A2	M2	V2	A1	M1	V1	-	-	-	Cycle 22
Cycle 23	4/21/2012	4/28/2012	-	-	-	-	-	-	A2	M2	V2	A1	M1	V1	-	-	-	Cycle 23
Cycle 24	4/26/2012	5/3/2012	-	-	-	-	-	-	A2	M2	V2	A1	M1	V1	-	-	-	Cycle 24
Cycle 25	5/1/2012	5/8/2012	-	-	-	-	-	-	A2	M2	V2	A1	M1	V1	-	-	-	Cycle 25
Cycle 26	5/6/2012	5/13/2012	-	-	-	-	-	-	A2	M2	V2	A1	M1	V1	-	-	-	Cycle 26
Cycle 27	5/11/2012	5/18/2012	-	-	-	-	-	-	A2	M2	V2	A1	M1	V1	-	-	-	Cycle 27
Cycle 28	5/16/2012	5/23/2012	-	-	-	-	-	-	A2	M2	V2	A1	M1	V1	-	-	-	Cycle 28
Cycle 29	5/21/2012	5/28/2012	-	-	-	-	-	-	A2	M2	V2	A1	M1	V1	-	-	-	Cycle 29
Cycle 30	5/26/2012	6/2/2012	-	-	-	-	-	-	A2	M2	V2	A1	M1	-	-	-	-	Cycle 30
Cycle 31	5/31/2012	6/7/2012	-	-	-	-	-	-	A2	M2	V2	A1	M1	V1	-	-	-	Cycle 31
Cycle 32	6/5/2012	6/12/2012	-	-	-	-	-	-	A2	M2	V2	A1	M1	-	-	-	-	Cycle 32
Cycle 33	6/10/2012	6/17/2012	-	-	-	-	-	-	A2	M2	V2	A1	M1	V1	-	-	-	Cycle 33
Cycle 34	6/15/2012	6/22/2012	-	-	-	-	-	-	A2	M2	V2	A1	M1	-	-	-	-	Cycle 34
Cycle 35	6/20/2012	6/27/2012	-	-	-	-	-	-	A2	M2	V2	A1	M1	V1	-	-	-	Cycle 35
Cycle 36	6/25/2012	7/2/2012	-	-	-	-	-	-	A2	M2	V2	A1	M1	-	-	-	-	Cycle 36
Cycle 37	6/30/2012	7/7/2012	-	-	-	-	-	-	A2	M2	V2	A1	M1	V1	-	-	-	Cycle 37
Cycle 38	7/5/2012	7/12/2012	-	-	-	-	-	-	A2	M2	V2	A1	M1	-	-	-	-	Cycle 38
Cycle 39	7/10/2012	7/17/2012	-	-	-	-	-	-	A2	M2	V2	A1	M1	V1	-	-	-	Cycle 39
Cycle 40	7/15/2012	7/22/2012	-	-	-	-	-	-	A2	M2	V2	A1	M1	-	-	-	-	Cycle 40
Cycle 41	7/20/2012	7/27/2012	-	-	-	-	-	-	A2	M2	V2	A1	M1	V1	-	-	-	Cycle 41
Cycle 42	7/25/2012	8/1/2012	-	-	-	-	-	-	A2	M2	V2	A1	M1	-	-	-	-	Cycle 42
Cycle 43	7/30/2012	8/6/2012	-	-	-	-	-	-	A2	M2	V2	A1	M1	V1	-	-	-	Cycle 43
Cycle 44	8/4/2012	8/11/2012	-	-	-	-	-	-	A2	M2	V2	A1	M1	-	-	-	-	Cycle 44
Cycle 45	8/9/2012	8/16/2012	-	-	-	-	-	-	A2	M2	V2	A1	M1	V1	-	-	-	Cycle 45
Cycle 46	8/14/2012	8/21/2012	-	-	-	-	-	-	A2	M2	V2	A1	M1	-	-	-	-	Cycle 46
Cycle 47	8/19/2012	8/26/2012	-	-	-	-	-	-	A2	M2	V2	A1	M1	V1	-	-	-	Cycle 47
Cycle 48	8/24/2012	8/31/2012	-	-	-	-	-	-	A2	M2	V2	A1	M1	-	-	-	-	Cycle 48
Cycle 49	8/29/2012	9/5/2012	-	-	-	-	-	-	A2	M2	V2	A1	M1	V1	-	-	-	Cycle 49
Cycle 50	9/3/2012	9/10/2012	-	-	-	-	-	-	A2	M2	V2	A1	M1	-	-	-	-	Cycle 50
Cycle 51	9/8/2012	9/15/2012	-	-	-	A3	M3	V3	A2	M2	V2	A1	M1	-	-	-	-	Cycle 51
Cycle 52	9/13/2012	9/20/2012	-	-	-	A3	M3	V3	-	-	-	-	-	-	-	-	-	Cycle 52
Cycle 53	9/18/2012	9/25/2012	-	-	-	A3	M3	V3	-	-	-	-	-	-	-	-	-	Cycle 53
Cycle 54	9/23/2012	9/30/2012	-	-	-	A3	M3	V3	-	-	-	-	-	-	-	-	-	Cycle 54
Cycle 55	9/28/2012	10/5/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	-	Cycle 55
Cycle 56	10/3/2012	10/10/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	-	Cycle 56
Cycle 57	10/8/2012	10/15/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	-	Cycle 57
Cycle 58	10/13/2012	10/20/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	-	Cycle 58
Cycle 59	10/18/2012	10/25/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	-	Cycle 59
Cycle 60	10/23/2012	10/30/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	-	Cycle 60
Cycle 61	10/28/2012	11/4/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	-	Cycle 61
Cycle 62	11/2/2012	11/9/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	-	Cycle 62
Cycle 63	11/7/2012	11/14/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	-	Cycle 63
Cycle 64	11/12/2012	11/19/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	-	Cycle 64
Cycle 65	11/17/2012	11/24/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	-	Cycle 65
Cycle 66	11/22/2012	11/29/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	-	Cycle 66
Cycle 67	11/27/2012	12/4/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	-	Cycle 67
Cycle 68	12/2/2012	12/9/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	-	Cycle 68
Cycle 69	12/7/2012	12/14/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	-	Cycle 69
Cycle 70	12/12/2012	12/19/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	-	Cycle 70
Cycle 71	12/17/2012	12/24/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	-	Cycle 71
Cycle 72	12/22/2012	12/29/2012	A4	M4	V4	-	-	-	-	-	-	-	-	-	-	-	-	Cycle 72

- Grade not allowed

The cycles are binding. The dates listed are approximate dates for liftings and deliveries and the purpose of the dates is to provide guidance to the shipping community regarding the targeted transition dates for the different volatility grades.

The dates for the RVP transition down in the spring and up in the fall are derived from ASTM D4814 volatility requirements set by ASTM, EPA, state and local regulations which take into account environmental and vehicle driveability considerations in each geographic area.

Starting September 16th, low RVP grades of gasoline may be commingled with the corresponding next higher RVP grade of gasoline due to tankage constraints. Bulletin notification of the specific cycles and locations will be made prior to commingling.

2012 Dorsey Tankfarm RVP Transition Calendar

	HTN Lifts		Dorsey Del									
Cycle 1	1/7/2012		1/21/2012	F5	H5	F4	H4	-	-	-	-	Cycle 1
Cycle 2	1/12/2012		1/26/2012	F5	H5	F4	H4	-	-	-	-	Cycle 2
Cycle 4	1/17/2012		1/31/2012	F5	H5	F4	H4	-	-	-	-	Cycle 4
Cycle 5	1/22/2012		2/5/2012	F5	H5	F4	H4	-	-	-	-	Cycle 5
Cycle 6	1/27/2012		2/10/2012	F5	H5	F4	H4	-	-	-	-	Cycle 6
Cycle 7	2/1/2012		2/15/2012	F5	H5	F4	H4	-	-	-	-	Cycle 7
Cycle 8	2/6/2012		2/20/2012	-	-	F4	H4	-	-	-	-	Cycle 8
Cycle 9	2/11/2012		2/25/2012	-	-	F4	H4	-	-	-	-	Cycle 9
Cycle 10	2/16/2012		3/1/2012	-	-	F4	H4	-	-	-	-	Cycle 10
Cycle 11	2/21/2012		3/6/2012	-	-	F4	H4	-	-	-	-	Cycle 11
Cycle 12	2/26/2012		3/11/2012	-	-	F4	H4	-	-	-	-	Cycle 12
Cycle 13	3/2/2012		3/16/2012	-	-	F4	-	-	H3	-	-	Cycle 13
Cycle 14	3/7/2012		3/21/2012	-	-	-	-	F3	H3	-	-	Cycle 14
Cycle 15	3/12/2012		3/26/2012	-	-	-	-	F3	-	-	H1	Cycle 15
Cycle 16	3/17/2012		3/31/2012	-	-	-	-	-	-	F1	H1	Cycle 16
Cycle 17	3/22/2012		4/5/2012	-	-	-	-	-	-	F1	H1	Cycle 17
Cycle 18	3/27/2012		4/10/2012	-	-	-	-	-	-	F1	H1	Cycle 18
Cycle 19	4/1/2012		4/15/2012	-	-	-	-	-	-	F1	H1	Cycle 19
Cycle 20	4/6/2012		4/20/2012	-	-	-	-	-	-	F1	H1	Cycle 20
Cycle 21	4/11/2012		4/25/2012	-	-	-	-	-	-	F1	H1	Cycle 21
Cycle 22	4/16/2012		4/30/2012	-	-	-	-	-	-	F1	H1	Cycle 22
Cycle 23	4/21/2012		5/5/2012	-	-	-	-	-	-	F1	H1	Cycle 23
Cycle 24	4/26/2012		5/10/2012	-	-	-	-	-	-	F1	H1	Cycle 24
Cycle 25	5/1/2012		5/15/2012	-	-	-	-	-	-	F1	H1	Cycle 25
Cycle 26	5/6/2012		5/20/2012	-	-	-	-	-	-	F1	H1	Cycle 26
Cycle 27	5/11/2012		5/25/2012	-	-	-	-	-	-	F1	H1	Cycle 27
Cycle 28	5/16/2012		5/30/2012	-	-	-	-	-	-	F1	H1	Cycle 28
Cycle 29	5/21/2012		6/4/2012	-	-	-	-	-	-	F1	H1	Cycle 29
Cycle 30	5/26/2012		6/9/2012	-	-	-	-	-	-	F1	H1	Cycle 30
Cycle 31	5/31/2012		6/14/2012	-	-	-	-	-	-	F1	H1	Cycle 31
Cycle 32	6/5/2012		6/19/2012	-	-	-	-	-	-	F1	H1	Cycle 32
Cycle 33	6/10/2012		6/24/2012	-	-	-	-	-	-	F1	H1	Cycle 33
Cycle 34	6/15/2012		6/29/2012	-	-	-	-	-	-	F1	H1	Cycle 34
Cycle 35	6/20/2012		7/4/2012	-	-	-	-	-	-	F1	H1	Cycle 35
Cycle 36	6/25/2012		7/9/2012	-	-	-	-	-	-	F1	H1	Cycle 36
Cycle 37	6/30/2012		7/14/2012	-	-	-	-	-	-	F1	H1	Cycle 37
Cycle 38	7/5/2012		7/19/2012	-	-	-	-	-	-	F1	H1	Cycle 38
Cycle 39	7/10/2012		7/24/2012	-	-	-	-	-	-	F1	H1	Cycle 39
Cycle 40	7/15/2012		7/29/2012	-	-	-	-	-	-	F1	H1	Cycle 40
Cycle 41	7/20/2012		8/3/2012	-	-	-	-	-	-	F1	H1	Cycle 41
Cycle 42	7/25/2012		8/8/2012	-	-	-	-	-	-	F1	H1	Cycle 42
Cycle 43	7/30/2012		8/13/2012	-	-	-	-	-	-	F1	H1	Cycle 43
Cycle 44	8/4/2012		8/18/2012	-	-	-	-	-	-	F1	H1	Cycle 44
Cycle 45	8/9/2012		8/23/2012	-	-	-	-	-	-	F1	H1	Cycle 45
Cycle 46	8/14/2012		8/28/2012	-	-	-	-	-	-	F1	H1	Cycle 46
Cycle 47	8/19/2012		9/2/2012	-	-	-	-	-	-	F1	H1	Cycle 47
Cycle 48	8/24/2012		9/7/2012	-	-	-	-	-	-	F1	H1	Cycle 48
Cycle 49	8/29/2012		9/12/2012	-	-	-	-	-	-	F1	H1	Cycle 49
Cycle 50	9/3/2012		9/17/2012	-	-	-	F3	H3	-	-	-	Cycle 50
Cycle 51	9/8/2012		9/22/2012	-	-	-	F3	H3	-	-	-	Cycle 51
Cycle 52	9/13/2012		9/27/2012	-	-	-	F3	H3	-	-	-	Cycle 52
Cycle 53	9/18/2012		10/2/2012	-	-	F4	H4	F3	H3	-	-	Cycle 53
Cycle 54	9/23/2012		10/7/2012	-	-	F4	H4	-	-	-	-	Cycle 54
Cycle 55	9/28/2012		10/12/2012	-	-	F4	H4	-	-	-	-	Cycle 55
Cycle 56	10/3/2012		10/17/2012	-	-	F4	H4	-	-	-	-	Cycle 56
Cycle 57	10/8/2012		10/22/2012	-	-	F4	H4	-	-	-	-	Cycle 57
Cycle 58	10/13/2012		10/27/2012	-	-	F4	H4	-	-	-	-	Cycle 58
Cycle 59	10/18/2012		11/1/2012	F5	H5	F4	H4	-	-	-	-	Cycle 59
Cycle 60	10/23/2012		11/6/2012	F5	H5	-	-	-	-	-	-	Cycle 60
Cycle 61	10/28/2012		11/11/2012	F5	H5	-	-	-	-	-	-	Cycle 61
Cycle 62	11/2/2012		11/16/2012	F5	H5	-	-	-	-	-	-	Cycle 62
Cycle 63	11/7/2012		11/21/2012	F5	H5	-	-	-	-	-	-	Cycle 63
Cycle 64	11/12/2012		11/26/2012	F5	H5	-	-	-	-	-	-	Cycle 64
Cycle 65	11/17/2012		12/1/2012	F5	H5	-	-	-	-	-	-	Cycle 65
Cycle 66	11/22/2012		12/6/2012	F5	H5	-	-	-	-	-	-	Cycle 66
Cycle 67	11/27/2012		12/11/2012	F5	H5	-	-	-	-	-	-	Cycle 67
Cycle 68	12/2/2012		12/16/2012	F5	H5	-	-	-	-	-	-	Cycle 68
Cycle 69	12/7/2012		12/21/2012	F5	H5	-	-	-	-	-	-	Cycle 69
Cycle 70	12/12/2012		12/26/2012	F5	H5	-	-	-	-	-	-	Cycle 70
Cycle 71	12/17/2012		12/31/2012	F5	H5	-	-	-	-	-	-	Cycle 71
Cycle 72	12/22/2012		1/5/2013	F5	H5	-	-	-	-	-	-	Cycle 72

- Grade not allowed

The cycles are binding. The dates listed are approximate dates for liftings and deliveries and the purpose of the dates is to provide guidance to the shipping community regarding the targeted transition dates for the different volatility grades.

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Colonial Pipeline Company

TESTING INFORMATION

Pre-shipment Requirements and Batch Testing After Lifting

Colonial requires a full analysis of every batch nominated for shipment. The full analysis must be received within 12 hours of the completion of the batch lifting into the pipeline.

A pre-shipment transfer document must be furnished to Colonial's lifting facilities 2 hours prior to shipment to assure compliance with Colonial's product specifications if the full analysis is not available at that time. The following test results must be supplied on the preshipment transfer document:

Gasoline

- | | |
|---|--|
| A) Colonial Batch Code | J) Aromatics (vol%) – VOC-controlled RFG only |
| B) Supplier tank number for product lifting | K) E200 (vol%) – VOC-controlled RFG only |
| C) Gravity (API@ 60 F) | L) E300 (vol%) – VOC-controlled RFG only |
| D) Distillation @ 10%, 50%, 90%, End Point | M) Olefins (vol%) – VOC-controlled RFG only |
| E) Octane (Research, Motor, and R+M/2) | N) Sulfur (wt%) – All grades |
| F) Oxygen (wt.%) All Grades | O) MTBE content (vol%)- All grades |
| G) RVP (psi) | P) VOC Reduction (%) – VOC-controlled RFG only |
| H) Benzene (vol.%) | |
| I) Driveability Index | |

Diesel Fuel/Fuel Oil

- | | |
|---|--|
| A) Colonial Batch Code | G) Dye (ptb of solid standard Red 26) High sulfur only |
| B) Supplier tank number for product lifting | H) Cetane Index |
| C) Gravity (API@ 60 F) | |
| D) Distillation @ 10%, 50%, 90%, End Point | |
| E) Flash Point | |
| F) Sulfur (wt.%) | |

Kerosine

- A) Colonial Batch Code
- B) Supplier tank number for product lifting
- C) Full analysis per Colonial product specification

Originating Locations

Houston/Pasadena
Hebert/Port Arthur/Beaumont
Lake Charles
Baton Rouge
Moundville
Collins
Woodbury
Linden

Facsimile Number

(713)477-8480
(409)722-3986
(337)882-1526
(225)654-7671
(205)371-2244
(601)765-6868
(856) 845-1553
(732)636-3385

Phone Number

(713)473-5954
(409)722-4054
(337)882-1526
(225)570-3030
(205)371-2233
(601)765-4434
(856)202-8040
(732) 734-2031

Colonial Pipeline Company

TESTING INFORMATION

Colonial samples all tanks prior to lifting to verify the product in tankage corresponds to the Pre-shipment Transfer Document and meets the following Colonial product specifications:

	<u>Gasolines</u>	<u>Fuel Oil</u>	<u>Kerosine</u>
Gravity	X	X	X
Water	X	X	X
Haze	X	X	X
Color	X	X	X
Benzene	X		
Vapor Pressure	X		
Oxygen Content	X		
Red Dye		X	X
Sulfur	X	X	X
Flash		X	X
Conductivity		X	X
MSEP			X

Colonial randomly tests all products for various product specifications not included in the above table.

During lifting and deliveries through Colonial's system, the tests listed above are conducted to verify that the product meets Colonial's specifications before delivery to the shipper.