

ATTACHMENT - Facility Information

Kinder Morgan Southeast Terminals, LLC

GCM-0980-0005

Page 1 of 3

GENERAL INFORMATION

A - APPLICABLE PERMIT DATES

COVERAGE DATE: October 1, 2012

B - FACILITY PHYSICAL ADDRESS

FACILITY STREET ADDRESS: 205 Sweetwater Road
 CITY, STATE, ZIP FACILITY IS LOCATED IN: North Augusta, SC 29841
 COUNTY FACILITY IS LOCATED IN: Edgefield

C - EQUIPMENT INSTALLED

Equip ID	Exempt Yes / No	Equipment Description	Maximum Size / Maximum Throughput	Fuels Used/ Materials Handled	Installation Date/ Modification Date	Emission Point ID
LR	No	Loading Rack (SC Reg. 61-62.5, Standard 5 Part T) (40 CFR 60 Subpart A and XX in gasoline service) (40 CFR 63 Subpart A and BBBBBB when in gasoline service)	---	Gasoline/ Distillate	1964/2012	LR
101	No	Above ground internal floating roof storage tank (40 CFR 60 Subpart A, CFR 60 Subpart Kb and 40 CFR 63 Part BBBBBB when in gasoline service)	420,000 gallon	Gasoline/ Distillate	2012	101
151	No	Above ground internal floating roof storage tank (40 CFR 60 Subpart A, CFR 60 Subpart Kb and 40 CFR 63 Part BBBBBB when in gasoline service)	630,000 gallon	Gasoline/ Distillate	2012	151
401	No	Internal floating roof storage tank (SC Reg. 61-62.5, Standard 5 Part O) (40 CFR 63 Subpart A and BBBBBB when in gasoline service)	37,000 barrel (1.554 x 10 ⁶ gallon)	Gasoline/ Distillate	1964	401
403	No	External floating roof storage tank (SC Reg. 61-62.5, Standard 5 Part P) (40 CFR 63 Subpart A and BBBBBB when in gasoline service)	35,000 barrel (1.47 x 10 ⁶ gallon)	Gasoline/ Ultra-Low Diesel (ULSD)	1964/2012	403
501	No	External floating roof storage tank (SC Reg. 61-62.5, Standard 5 Part P) (40 CFR 63 Subpart A and BBBBBB when in gasoline service)	44,900 barrel (1.8858 x 10 ⁶ gallon)	Gasoline	1964/2012	501
402	No	Fixed roof storage tank (SC Reg. 61-62.5, Standard 5 Part O)	39,000 barrel (1.638 x 10 ⁶ gallon)	Distillate/ Jet fuel	1964	402
0010	Yes	Fixed roof storage tank	209.8 barrel (8,813 gallon)	Additive	1991	Additive
002	Yes	Skid mounted horizontal lubricity storage tank	47.6 barrel (2,000 gallon)	Additive	2004	---

ATTACHMENT - Facility Information

Kinder Morgan Southeast Terminals, LLC

GCM-0980-0005

Page 2 of 3

C - EQUIPMENT INSTALLED

Equip ID	Exempt Yes / No	Equipment Description	Maximum Size / Maximum Throughput	Fuels Used/ Materials Handled	Installation Date/ Modification Date	Emission Point ID
N/A	Yes	Storage tank	5,000 gallon	Water	Pre-1996	---
N/A	Yes	Tote for storage	550 gallon	Red dye	---	---
02x	Yes	Additional piping and associated hardware (valves, pumps, and threaded/flanged connections) needed for butane blending process	---	---	2006	---
003	Yes	Petroleum Contact Water (PCW) storage tank	8,000 gallon	Process Water	2012	---
61	Yes	VOID-Above ground ethanol storage tank	30,000 gallon	Ethanol 95%/gasoline 5%	2012	---
004	Yes	Horizontal additive tank	4,000 gallon	Additive	2013	Additive
A5	Yes	Additive tank	4,000 gallon	Additive	2014	Additive
102	No	Ethanol internal floating roof tank (40 CFR 60 Subpart A, CFR 60 Subpart Kb)	420,000 gallon	Ethanol	2014	102
51	Yes	Water Storage Tank for Emergency Fire Equipment	210,000 gallon	Water		---

D - CONTROL DEVICES

Control Device ID	Equipment ID	Control Device Description	Installation Date/ Modification Date	Pollutant(s) Controlled
CD- VCU	LR	Vapor Combustion Unit, J. Zink Model GV-ZTOF, forced draft, thermal oxidizer, two-staged (SC Reg. 61-62.5, Standard 5 Part T) (40 CFR 60 Subpart A and XX when in gasoline service) (40 CFR 63 Subpart A and BBBB when in gasoline service)	1991	VOCs/HAPs

RECORD OF REVISIONS

Revision Date	Description of Change
06-21-2013	Added Equip. IDs 4, 10, 51, 61, 101, and 151. Added 6.9 x 10 ⁶ BBL/yr in Maximum Size/Maximum Throughput column to Equip. ID LR. Added SC Reg. 61-62.5, Standard 5 Part T and 40 CFR 63 Subparts A and BBBB when in gasoline service to Equip. ID LR. Removed SC Reg. 61-62.5, Standard 5 Part O from Equip. ID 402. Removed SC Reg. 61-62.5, Standard 5 Part P and 40 CFR 63 Subparts A and BBBB from Equip. IDs 401 and 403. Removed distillate service for Equip. ID 501. Added 40 CFR 60 Subparts A and Ka to Equip. ID 501.
08-14-2013	Revision to incorporate construction permit 0980-0005-CB for the addition of Tank 101, Tank, 151 and modifications to Unit ID's 03 and 04 to Section D, Equipment Installed Table. Added to Equipment ID's 003 and 61 to the Exempt Equipment List.
12-30-2014	Added a new 4,000 gallon additive tank (ID 004). Removed throughput limit from Equipment LR. Added 40 CFR 60 Subpart A and XX when in gasoline service to Equipment LR and CD-VCU. Also added 40 CFR 63 Subparts A and BBBB to control device ID CD-VCU. Additive Tank is an exempt source, changed exempt status for it from No to Yes. Changed existing additive tank ID from additive to 0010. Tank 403 was previously permitted to store gasoline and ultra low diesel. The facility currently stores diesel but may store gasoline in it in the future. Added gasoline to the materials handled column and 40 CFR 63, Subparts A and BBBB to the equipment description column of Tank 403. Added Tank 102 and A5. Updated modeling

ATTACHMENT - Facility Information

**Kinder Morgan Southeast Terminals, LLC
GCM-0980-0005
Page 3 of 3**

RECORD OF REVISIONS	
Revision Date	Description of Change
	attachment.
01-28-2015	Modified Emission Rates for Ambient Air Standards Attachment to reflect other permit templates.
06-16-2016	Added existing 210,000 gallon water storage tank, ID 51. Revised description for tank 003, it was previously listed as lubricity additive tank, it is actually a petroleum contact water tank.
01-05-2016	Removed exempt source Equipment ID Tank 61. Tank 61 will be relocated as an exempt source to the North Augusta 2 Terminal with permit 0080-0051.

ATTACHMENT - Emission Rates for Ambient Air Standards

Kinder Morgan Southeast Terminals, LLC

GCM-0980-0005

Page 1 OF 1

The emission rates listed herein are not considered federally enforceable limitations but are used to evaluate ambient air quality impact. Until the Department makes a determination that a facility is causing or contributing to an exceedance of a state or federal ambient air quality standard, increases to these emission rates are not in themselves considered violations of these ambient air quality standards.

AMBIENT AIR QUALITY STANDARDS - STANDARD NO. 2							
Emission Point ID	Emission Rates (lbs/hr)						Gaseous Fluorides (as HF)
	PM ₁₀	PM _{2.5}	SO ₂	NO _x	CO	Lead	
Vapor Combustion Unit	--	--	--	1.1684	2.9209	1.75E-05	--
Additive Tank	--	--	--	--	--	2.68E-08	--
Fugitive Sources	--	--	--	--	--	3.09E-04	--
Tank 401	--	--	--	--	--	9.22E-07	--
Tank 402	--	--	--	--	--	2.00E-07	--
Tank 403	--	--	--	--	--	2.75E-06	--
Tank 501	--	--	--	--	--	2.76E-06	--

TOXIC AIR POLLUTANTS - STANDARD NO. 8						
Emission Point ID	Emission Rates (lbs/hr)					
	Benzene 71-43-2	Ethyl benzene 100-41-4	Hexane 110-54-3	Toluene 108-88-3	2,2,4-Trimethyl- pentane 540-84-1	Xylene 1330-20-7
Piping	1.142E-06	4.338E-05	2.28E-06	4.566E-05	--	1.06E-04
Tank #2	1.142E-06	3.425E-06	2.28E-06	1.027E-05	--	1.03E-07
Tank #4	2.283E-06	6.489E-06	4.58E-06	2.169E-05	--	2.05E-05
Tank #10	4.567E-06	1.484E-05	9.13E-06	4.680E-05	--	4.34E-05
Tank #61	1.895E-04	2.625E-05	2.07E-04	2.968E-04	4.5833E-04	2.0E-04
Tank #401	1.598E-05	9.589E-05	3.08E-05	1.906E-04	--	2.53E-04
Tank #402	2.087E-03	7.0E-3	4.21E-03	2.025E-02	--	1.91E-02
Tank #403	9.132E-06	1.941E-05	2.28E-06	1.164E-04	--	4.90E-04
Truck Loading- Fugitives	9.361E-05	3.0E-04	1.91E-04	9.087E-4	--	8.56E-04
Truck Loading -VCU	1.078E-03	3.0E-03	2.17E-3	1.045E-02	--	9.8E-03