

ATTACHMENT - Facility Information

**Buckeye Partners LLC – Belton Terminal
GCM-0200-0056
Page 1 of 3**

GENERAL INFORMATION

A - APPLICABLE PERMIT DATES

COVERAGE DATE: October 1, 2012

B - FACILITY PHYSICAL ADDRESS

FACILITY STREET ADDRESS: 14300 Highway 20 North
CITY, STATE, ZIP FACILITY IS LOCATED IN: Belton, SC 29627
COUNTY FACILITY IS LOCATED IN: Anderson

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
110	No	Internal floating roof storage tank (40 CFR 63 Subpart A and BBBBBB when in gasoline service)	14,846 barrel (623,532 gallon)	Gasoline/Denatured ethanol/Distillate	1946 1/6/2009	110
115	No	Internal floating roof storage tank (40 CFR 63 Subpart A and BBBBBB when in gasoline service)	12,276 barrel (515,592 gallon)	Gasoline/Denatured ethanol/Distillate	1954 12/27/2011	115
116	No	Internal floating roof storage tank (40 CFR 63 Subpart A and BBBBBB when in gasoline service)	44,952 barrel (1,887,984 gallon)	Gasoline/Denatured ethanol/Distillate	1963 5/9/2008	116
BLR	No	Bottom Loading Rack – 11 loading arms (40 CFR 63 Subpart A and BBBBBB when in gasoline service) (40 CFR 60 Subparts A and XX)	---	Gasoline/Distillate	1983	VCU(BLR)
DEA	No	Load/Offload Denatured Ethanol Area (40 CFR 60 Subparts A and XX)	---	Denatured ethanol	2008	VCU(BLR)
101	No	Internal floating roof storage tank (40 CFR 63 Subpart A and BBBBBB when in gasoline service)	26,008 barrel (1,092,336 gallon)	Gasoline/Denatured ethanol/Distillate	1979 1/29/2010	101
102	No	Internal floating roof storage tank (40 CFR 63 Subpart A and BBBBBB when in gasoline service)	5,041 barrel (211,722 gallon)	Gasoline/Denatured ethanol/Distillate	1946 1/25/2000	102
105	No	Vertical fixed roof storage tank	50,400 barrel (2,116,800 gallon)	Distillate	1952 5/5/2011	105

ATTACHMENT - Facility Information

**Buckeye Partners LLC – Belton Terminal
GCM-0200-0056
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
106	No	Vertical fixed roof storage tank	33,404 barrel (1,402,968 gallon)	Distillate	1954	106
107	No	Internal floating roof storage tank (40 CFR 63 Subpart A and BBBBBB when in gasoline service)	17,183 barrel (721,686 gallon)	Gasoline/Denatured ethanol/Distillate	1952 5/6/2008	107
111	No	Vertical fixed roof storage tank (inactive)	7,704 barrel (323,568 gallon)	Distillate	1946	111
112	No	External floating roof storage tank (inactive)	4,450 barrel (186,900 gallon)	Gasoline/Distillate	1946	112
113	No	Vertical fixed roof storage tank (inactive)	4,905 barrel (206,010 gallon)	Distillate	1947	113
114	No	Internal floating roof storage tank (40 CFR 63 Subpart A and BBBBBB when in gasoline service) 40 CFR 60, Subpart A and Kb	20,990 barrel (881,580 gallon)	Gasoline/Distillate	1949/2014	114
103	No	External floating roof storage tank (inactive)	4,338 barrel (182,196 gallon)	Gasoline/Distillate	1946	103
104	No	Vertical fixed roof storage tank (inactive)	4,786 barrel (201,012 gallon)	Gasoline/Distillate	1946	104
A3	Yes	Horizontal fixed roof aboveground storage tank	71.6 barrel (3,009 gallon)	Additive	1993	A3
A5	Yes	Horizontal fixed roof aboveground storage tank	119.4 barrel (5,013 gallon)	Additive	1988	A5
A6	Yes	Horizontal fixed roof aboveground storage tank	143.3 barrel (6,017 gallon)	Additive	1992	A6
A7	Yes	Aboveground storage tank	8.3 barrel (350 gallon)	Additive	2009	A7
A8	Yes	Horizontal fixed roof aboveground storage tank	195.8 barrel (8,225 gallon)	Additive	1995	A8
A9	Yes	Aboveground storage tank	8.3 barrel (350 gallon)	Additive	2009	A9
A10	Yes	Underground containment tank	95.2 barrel (4,000 gallon)	Ethanol	2009	A10
A11	Yes	Underground containment tank	238.1 barrel (10,000 gallon)	Ethanol	2009	A11
A12	Yes	Horizontal fixed roof aboveground storage tank	94 barrel (3,948 gallon)	Additive	2011	A12
Manifold Tank	Yes	Horizontal Relief Tank (40 CFR 63 Subpart A and BBBBBB when in gasoline service)	500 gallon	Mixed Petroleum	2004	Manifold
Tote 1	Yes	Gasoline additive tote	450 gallon	Additive	2015	Tote1
Tote 2	Yes	Gasoline additive tote	450 gallon	Additive	2015	Tote2

ATTACHMENT - Facility Information

**Buckeye Partners LLC – Belton Terminal
GCM-0200-0056
Page 3 of 3**

D - CONTROL DEVICES

Control Device ID	Equipment ID	Control Device Description	Installation Date/Modification Date	Pollutant(s) Controlled
CD-VCU	BLR, DEA	Enclosed flame vapor combustion unit (40 CFR 63 Subpart A and BBBBBA when in gasoline service) (40 CFR 60 Subparts A and XX)	1995	VOC/HAPs

RECORD OF REVISIONS FOR GCM-0200-0056	
Revision Date	Description of Change
10/17/12	Update description of some of the sources to correct typographical errors based on facility comments.
1/28/15	Added internal floating roof to tank 106, now storing gasoline and denatured ethanol. Added 40 CFR 63 Subparts A and BBBBBA to it. Removed SC Regulation 61-62.5, Standard 5 applicability from all sources. Standard 5 does not apply to sources in Anderson County. Added manifold tank. Placed Tank 114 back in operation, previously it was listed as inactive. Added 40 CFR 63 Subparts A and BBBBBA to it. Modified Facility Information and Emission Rates for Ambient Air Standards Attachments to reflect other permit templates.
3/23/15	Tank 114 was converted from external floating roof to internal floating roof when it was re-activated in 2014. Modified description from external floating roof to internal floating roof, and added 40 CFR 60 Subparts A and Kb applicability to it.
6/5/15	Added two gasoline additive totes. Updated emissions for ambient air standards.
6/29/16	Internal floating roof was never installed on Tank 106. This tank is reverted back to storing only distillate with a vertical fixed roof. Removed 40 CFR 63 Subparts A and BBBBBA and 40 CFR 60, Subpart Kb applicability from it. Removed modification dates and gasoline and denatured ethanol as storage contents. All emission point ID's have been changed to match Equipment ID's per Modeling Section and facility's consultant.

ATTACHMENT - Emission Rates for Ambient Air Standards

Buckeye Partners LLC – Belton Terminal

GCM-0200-0056

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)					
	PM ₁₀	PM _{2.5}	SO ₂	NO _x	CO	Lead
VCU (BLR)	4.01E-07	4.01E-07	3.17E-08	0.71	3.85	2.64E-11

TOXIC AIR POLLUTANTS - STANDARD NO. 8		
POLLUTANT	CAS NUMBER	Facility Wide Emission Rates (lbs/day)
Benzene	71-43-2	1.087
Cresols/cresylic acid and mixture	1319-77-3	0.002
Cumene	98-82-8	0.098
Ethyl Benzene	100-41-4	0.451
Hexane	110-54-3	0.050
Naphthalene	91-20-3	0.040
Phenol	108-95-2	0.007
Polycyclic Organic Matter (POM)	NA	0.040
Toluene	180-88-3	3.037
2,2,4-Trimethylpentane (Isooctane)	540-84-1	0.165
Xylene	1330-20-7	1.472