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October 17, 2012

Mr. Rich Raiders  
Manager, Environmental Compliance  
Buckeye Partners LP – Belton Terminal  
Five Tek Park  
9999 Hamilton Blvd.  
Breinigsville, PA 18031

Re: Modification to Attachment A for the General Conditional Major Operating Permit for Petroleum Distribution Operations No. GCM-0200-0056

Dear Mr. Raiders:

Enclosed is Attachment A to GCM-0200-0056. This modified permit has the same expiration date as the previous General Conditional Major Operating Permit and will remain valid through September 30, 2022. This modified permit is being issued to incorporate changes into your existing Permit as described in the enclosed Record of Revisions.

Please be advised that this facility's periodic reporting period is not affected by this modification. In addition, there have been no changes to the General Conditional Major for Petroleum Distribution Operations. It has not been included and you should retain the copy you were previously issued.

It is important for you and/or an authorized representative responsible for the overall operation of this facility to read this issued permit carefully and to understand all requirements. If any errors or omissions are discovered, please notify Alyson Hayes of my staff, via e-mail at [hayesam@dhec.sc.gov](mailto:hayesam@dhec.sc.gov), or call 803-898-3836 immediately.

Pursuant to the South Carolina Administrative Procedures Act, any Department decision involving the issuance, denial, suspension, or revocation of a permit or certification may be appealed by the applicant, permittee, licensee, or affected person. Please see the enclosed "Notice of Appeal Procedure" for guidelines on filing an appeal.

Sincerely,

Elizabeth J. Basil  
Director, Engineering Services Division  
Bureau of Air Quality

EJB:amh: kal

Enclosure

cc: Permit File: 0200-0056

ec: Tyler Smith, Region 1, Anderson EQC Office

**Notice of Appeal Procedure**  
Pursuant to S.C. Code Section 44-1-60

1. This decision of the S.C. Department of Health and Environmental Control (Department) becomes the final agency decision 15 calendar days after notice of the decision has been mailed or otherwise sent to the applicant, permittee, licensee and affected persons who have requested in writing to be notified, unless a written request for final review accompanied by a filing fee in the amount of \$100 is filed with the Department by the applicant, permittee, licensee, or affected person.
2. An applicant, permittee, licensee, or affected person who wishes to appeal this decision must file a timely written request for final review with the Clerk of the Board at the following address or by facsimile at 803-898-3393. A filing fee in the amount of \$100 made payable to SC DHEC must also be received by the Clerk within the time allowed for filing a request for final review. However, if a request for final review is filed by facsimile, the filing fee may be mailed to the Clerk of the Board if the envelope is postmarked within the time allowed for filing a request for final review.

Clerk of the Board  
SC DHEC  
2600 Bull Street  
Columbia, SC 29201

3. In order to be timely, a request for final review must be received by the Clerk of the Board within 15 calendar days after notice of the decision has been mailed or otherwise sent to persons entitled to receive notice. If the 15th day occurs on a weekend or State holiday, the request is due to be received by the Clerk of the Board on the next working day. The request for final review must be received by the Clerk of the Board by 5:00 p.m. on the date it is due. A request for final review will be returned to the requestor if the filing fee is not received on time as described above.
4. The request for final review should include the following:
  - a. the grounds on which the Department's decision is challenged and the specific changes sought in the decision
  - b. a statement of any significant issues or factors the Board should consider in deciding whether to conduct a final review conference
  - c. a copy of the Department's decision for which review is requested
5. If a timely request for final review is filed with the Clerk of the Board, the Clerk will provide additional information regarding procedures. If the Board declines in writing to schedule a final review conference, the Department's decision becomes the final agency decision and an applicant, permittee, licensee, or affected person may request a contested case hearing before the Administrative Law Court within 30 calendar days after notice is mailed that the Board declined to hold a final review conference.

**The above information is provided as a courtesy; parties are responsible for complying with all applicable legal requirements.**



# ATTACHMENT A

## Facility Information

### Buckeye Partners LP – Belton Terminal

GCM-0200-0056

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#### D - 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 (SC Reg. 61-62.5, Standard 5 Part O) (40 CFR 63 Subpart A and BBBB when in gasoline service)	14,846 barrel (623,532 gallon)	Gasoline/Denatured ethanol/Distillate	1946 1/6/2009	1
115	No	Internal floating roof storage tank (SC Reg. 61-62.5, Standard 5 Part O) (40 CFR 63 Subpart A and BBBB)	12,276 barrel (515,592 gallon)	Gasoline/Denatured ethanol/Distillate	1954 12/27/2011	6
116	No	Internal floating roof storage tank (SC Reg. 61-62.5, Standard 5 Part O) (40 CFR 63 Subpart A and BBBB when in gasoline service)	44,952 barrel (1,887,984 gallon)	Gasoline/Denatured ethanol/Distillate	1963 5/9/2008	7
BLR	No	Bottom Loading Rack – 11 loading arms (40 CFR 63 Subpart A and BBBB when in gasoline service) (40 CFR 60 Subparts A and XX)	---	Gasoline/Distillate	1983	8
DEA	No	Load/Offload Denatured Ethanol Area (40 CFR 60 Subparts A and XX)	---	Denatured ethanol	2008	8
101	No	Internal floating roof storage tank (SC Reg. 61-62.5, Standard 5 Part O) (40 CFR 63 Subpart A and BBBB when in gasoline service)	26,008 barrel (1,092,336 gallon)	Gasoline/Denatured ethanol/Distillate	1979 1/29/2010	9
102	No	Internal floating roof storage tank (SC Reg. 61-62.5, Standard 5 Part O) (40 CFR 63 Subpart A and BBBB)	5,041 barrel (211,722 gallon)	Gasoline/Denatured ethanol/Distillate	1946 1/25/2000	10
105	No	Vertical fixed roof storage tank (SC Reg. 61-62.5, Standard 5 Part O)	50,400 barrel (2,116,800 gallon)	Distillate	1952 5/5/2011	13
106	No	Vertical fixed roof storage tank (SC Reg. 61-62.5, Standard 5 Part O)	33,404 barrel (1,402,968 gallon)	Distillate	1954 12/16/2010	14
107	No	Internal floating roof storage tank (SC Reg. 61-62.5, Standard 5 Part O) (40 CFR 63 Subpart A and BBBB when in gasoline service)	17,183 barrel (721,686 gallon)	Gasoline/Denatured ethanol/Distillate	1952 5/6/2008	15
111	No	Vertical fixed roof storage tank (inactive)	7,704 barrel (323,568 gallon)	Distillate	1946	2
112	No	External floating roof storage tank (inactive)	4,450 barrel (186,900 gallon)	Gasoline/Distillate	1946	3
113	No	Vertical fixed roof storage tank (inactive)	4,905 barrel (206,010 gallon)	Distillate	1947	4

# ATTACHMENT A

## Facility Information

**Buckeye Partners LP – Belton Terminal**

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### D - EQUIPMENT INSTALLED

Equip ID	Exempt Yes / No	Equipment Description	Maximum Size / Maximum Throughput	Fuels Used/ Materials Handled	Installation Date/ Modification Date	Emission Point ID
114	No	External floating roof storage tank (inactive)	20,990 barrel (881,580 gallon)	Gasoline/Distillate	1949	5
103	No	External floating roof storage tank (inactive)	4,338 barrel (182,196 gallon)	Gasoline/Distillate	1946	11
104	No	Vertical fixed roof storage tank (inactive)	4,786 barrel (201,012 gallon)	Gasoline/Distillate	1946	12
A3	Yes	Horizontal fixed roof aboveground storage tank	71.6 barrel (3,009 gallon)	Additive	1993	17
A5	Yes	Horizontal fixed roof aboveground storage tank	119.4 barrel (5,013 gallon)	Additive	1988	17
A6	Yes	Horizontal fixed roof aboveground storage tank	143.3 barrel (6,017 gallon)	Additive	1992	16
A7	Yes	Aboveground storage tank	8.3 barrel (350 gallon)	Additive	2009	--
A8	Yes	Horizontal fixed roof aboveground storage tank	195.8 barrel (8,225 gallon)	Additive	1995	18
A9	Yes	Aboveground storage tank	8.3 barrel (350 gallon)	Additive	2009	--
A10	Yes	Underground containment tank	95.2 barrel (4,000 gallon)	Ethanol	2009	--
A11	Yes	Underground containment tank	238.1 barrel (10,000 gallon)	Ethanol	2009	--
A12	Yes	Horizontal fixed roof aboveground storage tank	94 barrel (3,948 gallon)	Additive	2011	--

### E - 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	1995	VOC/HAPs

**ATTACHMENT B**

**Modeled Emission Rates**

**Buckeye Partners LP – Belton Terminal**

**GCM-0200-0056**

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<b>AMBIENT AIR QUALITY STANDARDS - STANDARD NO. 2</b>					
<b>Emission Point ID</b>	<b>Modeled Emission Rates (lbs/hr)</b>				
	<b>PM</b>	<b>PM<sub>10</sub></b>	<b>PM<sub>2.5</sub></b>	<b>SO<sub>2</sub></b>	<b>NO<sub>x</sub></b>
VCU	--	--	--	--	7.21

<b>AMBIENT AIR QUALITY STANDARDS - STANDARD NO. 2</b>				
<b>Emission Point ID</b>	<b>Modeled Emission Rates (lbs/hr)</b>			
	<b>CO</b>	<b>Lead</b>	<b>HF</b>	<b>NO<sub>2</sub></b>
VCU	20.0	--	--	--

<b>TOXIC AIR POLLUTANTS MODELED - STANDARD NO. 8</b>	
<b>Emission Point ID</b>	<b>Modeled Emission Rates (lbs/hr)</b>
	<b>Benzene 71-43-2</b>
9	0.00463
10	0.00547
13	0.0202
14	0.0135
15	0.00171
1	0.00154
6	0.0171
7	0.00961
BLR	0.0540
VCU	0.1698
Facility Total	0.2975

<b>TOXIC AIR POLLUTANTS - STANDARD NO. 8</b>			
<b>Facility-wide Level I De Minimis Analysis</b>			
<b>Pollutant Controlled</b>	<b>CAS #</b>	<b>Emission Rate (lbs/day)</b>	<b>De Minimis (lbs/day)</b>
Cumene	98-82-8	0.03	0.108
Ethylbenzene	100-41-4	1.07	52.200
Toluene	108-88-3	9.542	24.000
2,2,4-Trimethylpentane (Isooctane)	540-84-1	5.10	105.000