

**Staff Summary**  
**Revised Method 2A Application Valero Renewable Fuels Company, LLC dba**  
**Valero Albert City Plant, Corn Ethanol**  
**(Pathway Codes: ETHC104\_1 and ETHC105\_1)**

Deemed Complete Date: August 24, 2015  
 Posted for Comment Date: September 18, 2015  
 Certified Date: September 28, 2015

Valero Renewable Fuels Company, LLC produces ethanol from corn at one of its dry mill facilities located in Albert City, Iowa (“Albert City”). This is a revised posting of the Albert City Pathway Application, recently posted on the ARB website<sup>1</sup>. Since then, staff found an error in the calculation methodology and notified the applicant. The applicant corrected the error and resubmitted a revised application.

Table 1 below, displays the carbon intensity values for the revised application, while Table 2 shows the original carbon intensity values for the Albert City plant dated deemed complete on August 05, 2015.

**Table 1: Proposed Lookup Table Entries**

Fuel	Pathway Identifier	Pathway Description	Carbon Intensity Values (gCO2e/MJ)		
			Direct Emission	Land Use	Total
Ethanol from Corn	ETHC104_1	2A Application*: Midwest; Dry Mill; Dry DGS; NG	58.15	30	88.15
Ethanol from Corn	ETHC105_1	2A Application*: Midwest; Dry Mill; Modified DGS; NG	54.06	30	84.06

\* Specific Conditions Apply

<sup>1</sup> <http://www.arb.ca.gov/fuels/lcfs/2a2b/apps/vrf-albert-072915.pdf>

**Table 2: Original Lookup Table Entries  
Dated Deemed Complete: August 05, 2015**

Fuel	Pathway Identifier	Pathway Description	Carbon Intensity Values (gCO2e/MJ)		
			Direct Emission	Land Use	Total
Ethanol from Corn	ETHC104	2A Application*: Midwest; Dry Mill; Dry DGS; NG	59.14	30	89.14
Ethanol from Corn	ETHC105	2A Application*: Midwest; Dry Mill; Modified DGS; NG	54.05	30	84.05

\* Specific Conditions Apply

**Operating Conditions**

Operations at the plant will be subject to the following conditions designed to ensure that the CI of the Albert City Ethanol pathway will remain at or below the values appearing in Table 1. These conditions must be met for every gallon sold in California:

1. No conditions are placed on the amounts of electricity and natural gas consumed and the ethanol yield at Albert City, so long as the CIs reported in Table 1 are not exceeded. For purposes of determining compliance with this operating condition, the plant's CI will be calculated based on data from the most recent 12 months of operation, excluding periods of abnormal operations, such as planned maintenance or unpredictable, unavoidable, and uncontrollable force majeure events. The plant's thermal and electrical energy use, and ethanol yield values are classified by the applicant as confidential business information.
2. As long as both pathway CIs specified as shown in Table 1 above, are not exceeded, fuel pathway codes (FPCs) ETHC104\_1 and ETHC105\_1 may be used to report transactions involving volumes from Albert City Ethanol, regardless of the proportions of DDGS, and MDGS the plant produces.