




**Project Type: Retail**  
**LEED Rating System: New Construction**  
**Certification Level: Certified**

Royal Farms decided in early DD's that they would pursue LEED Certification for this building, and any subsequent Royal Farms stores being built in the future. The project team met and a LEED Consultant was hired to evaluate ways to incorporate LEED into the basic store layout. The store had a few hurdles to overcome from the beginning. Given the nature of a 24-hour convenience retail store, there were certain issues with lighting that could not be overcome (i.e. reducing the amount later in the evening). The design team developed a more-efficient lighting system and increased the efficiency of the HVAC system. We have included highly efficient refrigeration systems to minimize our refrigerant impact. Processing the Waste Oil from fryers for recycling into biodiesel fuel has also been incorporated into this store, as well as any future Royal Farms Stores.



**Major Sustainability Highlights**

-  40% Water reduction
-  19% energy savings
-  90% of construction waste was diverted

**Additional Sustainable Highlights:**

Storewide Green Cleaning Program  
 Waste Oil Recycling

**Project Team:**

Owner: Royal Farms  
 MEP: Emerson  
 Civil: Matis Warfield  
 Architect: Peter W. Ratcliffe  
 General Contractor: Hopkins-Wayson  
 LEED Consultant: Lorax Partnerships, LLC

<b>LEED Facts</b>	
Certification awarded: November 19th, 2013	
<b>Certified</b>	<b>47*</b>
<b>Sustainable Sites</b>	<b>10/26</b>
<b>Water Efficiency</b>	<b>8/10</b>
<b>Energy &amp; Atmosphere</b>	<b>6/35</b>
<b>Materials &amp; Resources</b>	<b>7/14</b>
<b>Indoor Environmental Quality</b>	<b>9/15</b>
<b>Innovation</b>	<b>5/6</b>
<b>Regional Priorities</b>	<b>2/4</b>
<i>*out of a possible 110 points</i>	