

Project List – CleanSteps® Carbon Offsets from WGL Energy

CleanSteps Carbon Offsets from WGL Energy are sourced from the following projects:

J.B. Hunt Intermodal Transport



Project Type: Intermodal Transportation

Description: Intermodal freight transport utilizes the most efficient aspects of truck and rail modes. J.B. Hunt, the largest domestic intermodal service provider, leads the conversion of highway shipments to a more energy-efficient intermodal transportation service. This use of intermodal transport – the movement of freight using both rail and trucking – cuts fuel use by 60% and greenhouse gas emissions by 50%.

Benefits:

- Reduced greenhouse gases (GHG)
- Reduced particulate emissions
- Reduced nitrogen runoff
- Reduced need to maintain and expand roadways
- Lower fuel costs
- Less traffic and fewer accidents on I-81, I-76, I-95, I-70 and other regional highways
- Improved human health

Project Location: DE, DC, MD, NY, PA, VA and WV (USA)

Endorsed Program: CSA International

Hilltop Sand and Gravel Landfill GHG Project



Project Type: Landfill Gas Capture and Destruction

Description: Hilltop Sand and Gravel Landfill has voluntarily installed an active landfill gas collection and control system for the capture and destruction of methane emissions. This system consists of a series of vertical and horizontal gas wells interconnected by a gas piping network which delivers the captured landfill gas to an open flaring station for combustion.

Benefits:

- Reduced greenhouse gases (GHG)
- Green jobs creation
- Increased local tax revenues
- Reduced landfill odors
- Improved human health

Project Location: Alexandria, VA (USA)

Project Start Date: 11/2/2010

Endorsed Program: [Climate Action Reserve](#)

Winchester Landfill Gas to Energy Project



Project Type: Landfill Gas Capture and Destruction

Description: The Winchester Landfill Gas to Energy Project is owned by Frederick County Public works. In 2008 the county voluntarily installed a landfill gas collection, blower and flare system to recover and destroy methane from the landfill. The project was later expanded to include an on-site power generation facility.

Benefits:

- Reduced greenhouse gases (GHG)
- Green jobs creation
- Increased local tax revenues
- Reduced landfill odors
- Improved human health

Project Location: Winchester, VA (USA)

Project Start Date: 9/30/2008

Endorsed Program: [Verified Carbon Standard \(VCS\)](#)