



2006 LMOP Project Expo



ROCKINGHAM COUNTY LANDFILL HARRISONBURG, VIRGINIA





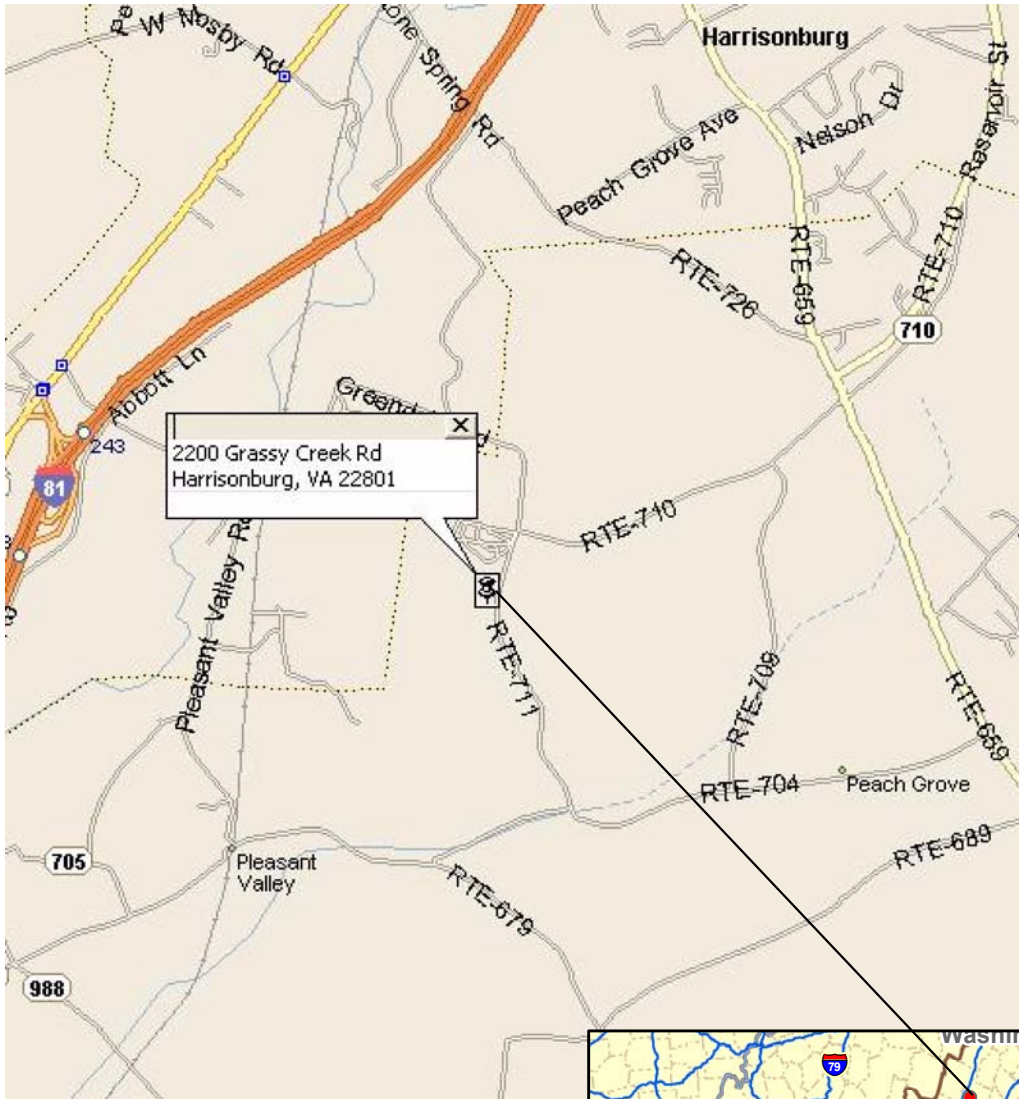
LANDFILL OVERVIEW



- Owner: Rockingham County
Department of Public Works
- Physical Location: 2200 Grassy Creek Road
Harrisonburg, VA 22803
- Open Year: 1971
- Expected Closure Year: 2015 (future phases
planned out to 2055)
- Waste in Place: 1.9 million tons
- Design Capacity: 3 million tons
- Annual Acceptance: 105,100 tons/year
(average for last 6 years)
- Landfill Area: 57 acres
- Landfill Depth: 75 feet



LANDFILL LOCATION MAP





LFG GENERATION



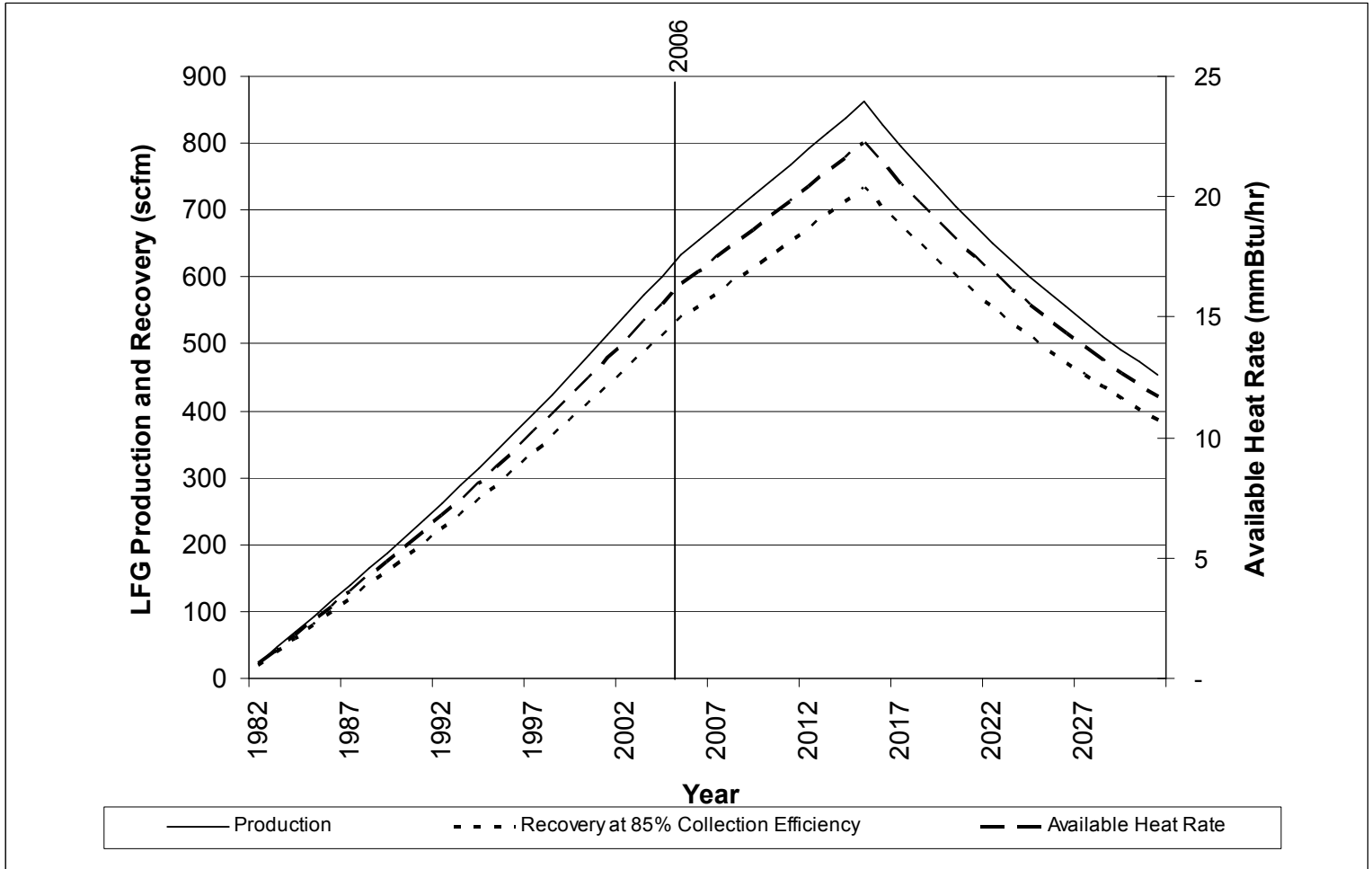
- Wells in Place – Yes
 - 32 wells in 30-acre fill (10- to 25-year-old waste)
- Flare – Yes
- LFG Flow – 450 scfm
- Methane Content – Estimated 50%
- LandGEM Recovery Estimation – 732 scfm (peak at 85% collection efficiency)



LandGEM CURVE



LFG Projection for Rockingham County Landfill Harrisonburg, Virginia





POTENTIAL END USERS



- The Harrisonburg Electric Commission – 1.0 miles
- Transprint USA, Inc. – 1.0 miles
- Shady Brook Farms – 1.8 miles
- James Madison University – 2.4 miles
- Rockingham Memorial Hospital – 3.3 miles
- Pilgrim's Pride Corporation – 3.3 miles
- Shenandoah Valley Electric – 3.6 miles





CONTACT INFORMATION



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