

# Clean Eagle RNG, LLC

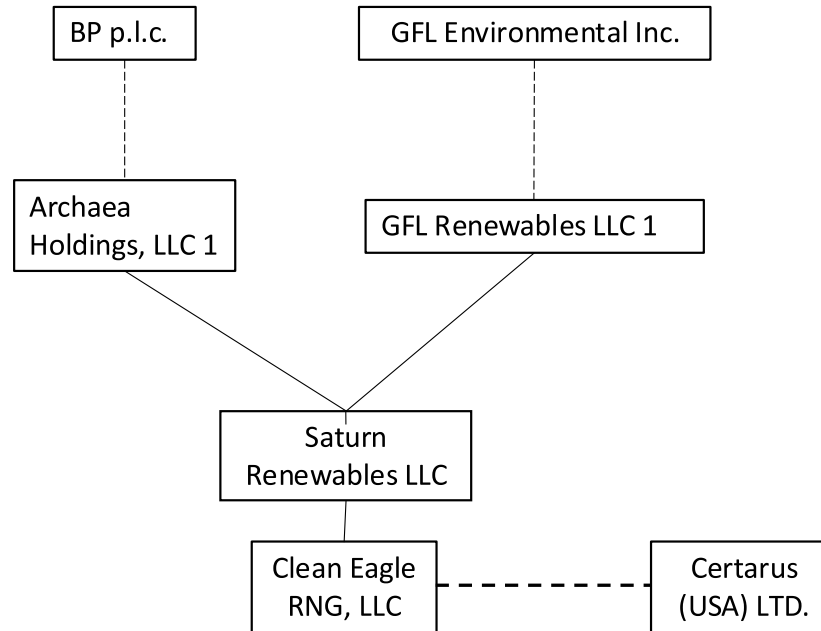
4212 Roy Parks Road, Gainesville, GA Project

A Joint Venture between  
Archaea Energy and GFL Environmental

# Introductions

*Saturn, Archaea, GFL, Certarus*

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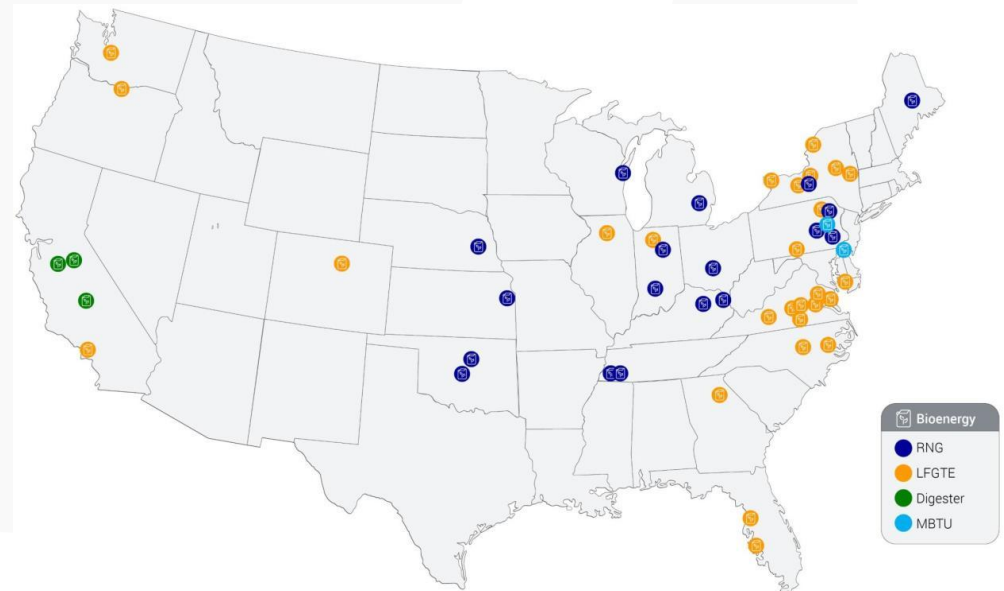
1. Archaea Holdings, LLC is an indirect wholly-owned subsidiary of bp, p.l.c. (NYSE: bp) and GFL Renewables LLC is an indirect wholly-owned subsidiary of GFL Environmental, Inc. (NYSE: GFL).
2. Clean Eagle RNG, LLC is registered to do business in Georgia and will own the property and operating equipment on the Subject Property. Clean Eagle RNG, LLC will construct, own, and operate the RNG Facility in Forsyth County.
3. Clean Eagle RNG, LLC is contracting with Certarus (USA) Ltd., who will be responsible for (1) the construction, operation, and maintenance of the injection facilities on the Subject Property in Hall County, and (2) the loading, unloading, and transportation of the RNG from Forsyth County to the Subject Property in Hall County. Certarus is also registered to do business in Georgia.

# Archaea Energy:

## Who we are, What we do



- > Archaea is the largest renewable natural gas (RNG) producer in the U.S.
- > We use an innovative, industry-leading process for capturing landfill emissions (CH<sub>4</sub> and CO<sub>2</sub>) and converting them into low-carbon fuel.
- > Own and operate over 50 sites safely nationwide.
- > Focused on long term partnership.
- > Currently have 4 trucking + injection site operations with Certarus in California, Indiana, and Maine.

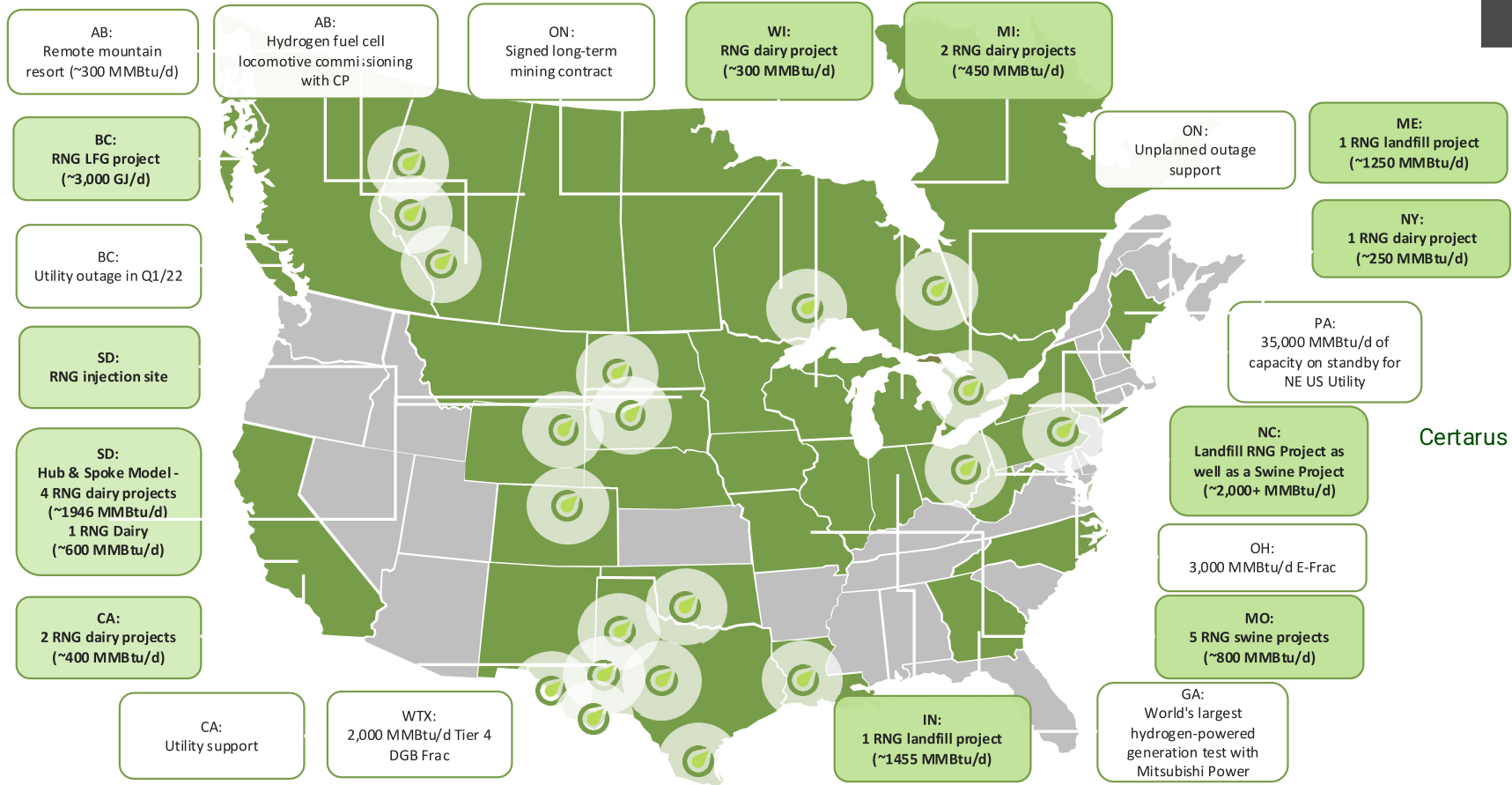


[Video: The RNG Process](https://www.bp.com/en_us/united-states/home/news/features-and-highlights/how-bp-turns-landfill-waste-into-renewable-natural-gas.html)

[https://www.bp.com/en\\_us/united-states/home/news/features-and-highlights/how-bp-turns-landfill-waste-into-renewable-natural-gas.html](https://www.bp.com/en_us/united-states/home/news/features-and-highlights/how-bp-turns-landfill-waste-into-renewable-natural-gas.html)

# Certarus Operations

-  Certarus Facilities
-  Operating Regions
-  Expansion Regions



Certarus and Archaea have (4) sites in

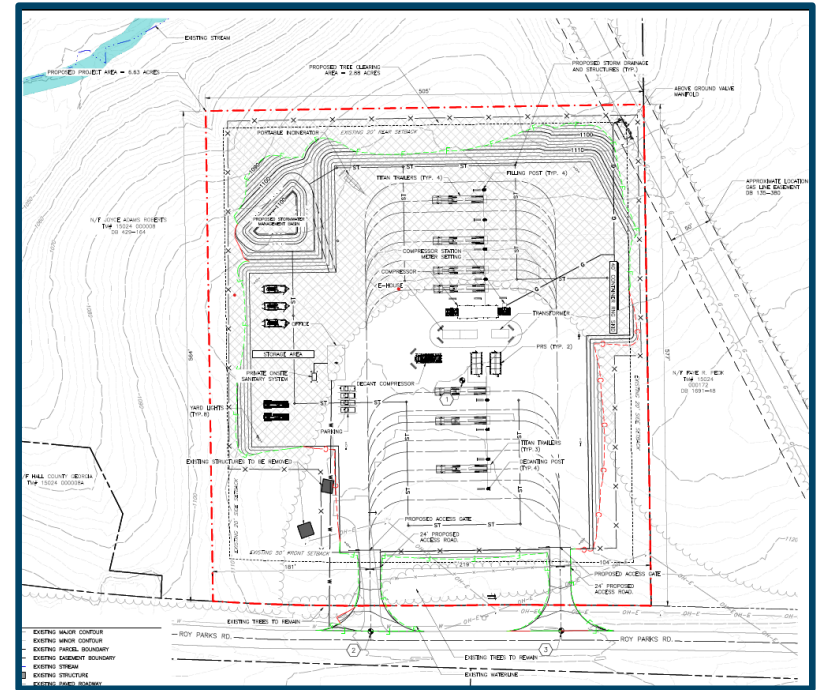
# Liberty System Needs This Gas to Service its Customers in Hall County<sup>1</sup>

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- Liberty sent the curtailment letters to 31 customers this winter to ensure gas was available to heat homes. All were large volume gas consumers. (Large commercial and industrial, transportation, and those that opted for interruptible service rates).
- Liberty is replacing the Gainesville transmission line so in the future they can increase the volume of gas that feeds the Gainesville distribution system (enabling future customer growth). This solves the physical challenge of moving the appropriate volume of gas but does not provide the molecules automatically.
- TRANSCO, who owns and operates the Intrastate pipeline that Liberty procures molecules from to deliver to Gainesville is currently fully subscribed. Meaning, even if Liberty could move more gas physically, there is currently no more gas to buy on that pipeline. It is all spoken for.
- Gainesville continues rapid economic growth, and without upgrading Liberty's infrastructure, and adding additional gas procurement to Liberty's system, Liberty would struggle to meet the continued demand for NG in Gainesville.
- The Clean Eagle project brings 1.4 BCF/yr of natural gas to the system near at end of the Liberty line, which is near the curtailed customers and helps solve the additional gas procurement that Liberty needs.
- In addition, this benefits the community in the event of a natural disaster. The project can provide emergency compressed natural gas relief to customers and businesses in the event of a pipeline outage or natural disaster, ensuring a temporary supply until local utility services can be restored.

# Why This Location on Liberty's Pipeline

- Potential sites are limited to those along/near existing pipeline infrastructure & properties that are for sale.
- Can only inject on the transmission system.
- 3<sup>rd</sup> party system hydraulic study completed confirming that the additional capacity would not adversely impact flow on Liberty's system
- Other identified locations on the northern end of the Liberty Distribution system did not have enough customers to consume the gas which would backpressure the Liberty System during the peak summer load.
- Considerations of locating site:
  - Limited to properties that are for sale
  - Outside of heavily populated areas.
  - Adjacent to Liberty Gainesville Transmission line.
  - Minimize environmental impact.
  - Closest to the industrial user needs.
  - Minimizing trucking time on road for safety and economics.

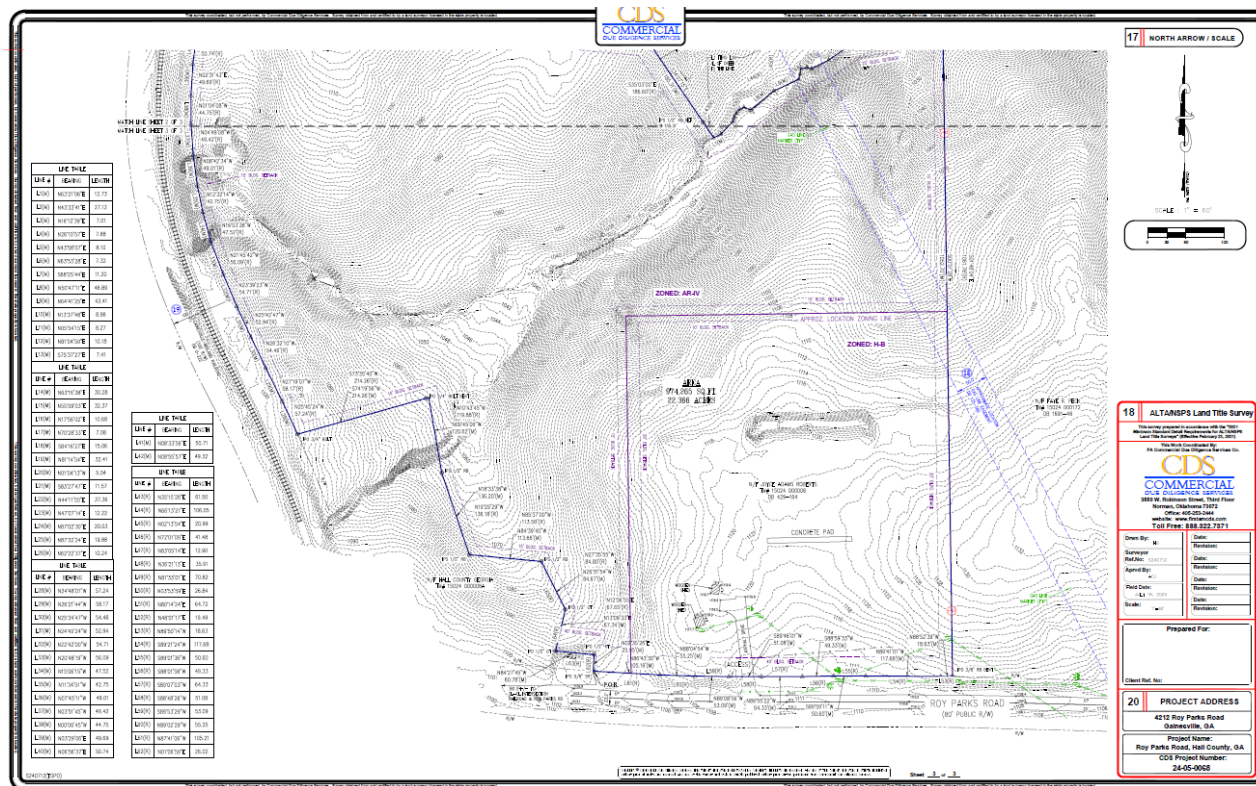


## *Clean Eagle RNG, LLC Project Overview*

# Proposed Hall County Project

4212 Roy Parks Rd, Gainesville, GA 30507

- Clean Eagle is under contract to purchase the full 22-acre property. The development will be confined to the 6.63 acres depicted below that is currently zoned Highway-Business. This preserves the remaining 15.7 acres as forested and unimproved land.
- The proposed project will be an unloading/loading facility to inject renewable natural gas into and take natural gas from the Liberty pipeline system that currently runs through the property.
- This is not a waste related recovery facility. No filtration, processing, combustion, gasification, or landfill gas recovery takes place on the Property. This occurs at a facility located in Forsyth County, GA.



**SATURN  
RENEWABLES**



# Maintains Rural Integrity of the Property

- While the site is inconsistent with the "Rural Scenic Nodes and Corridors" in the Comprehensive Plan, the project preserves the natural buffer from Roy Parks Road and the residential neighbors.
- The majority of the existing vegetation and wooded areas are preserved.<sup>1</sup>
- There are other industrial uses in this designated area as well:
  - Ampro Products, Inc. (I-2 Zoning) – 1.1 miles away
  - Baldwin Paving Company (I-4 Zoning) – 0.4 miles away
  - CW Matthews Contracting / Hanson Aggregates Southeast, LLC (I-2 Zoning) – 1.5 miles away



The above facility is an example of the Injection Facility that will be located at the Project Site in Hall County. As depicted above, there is minimal development to the area.

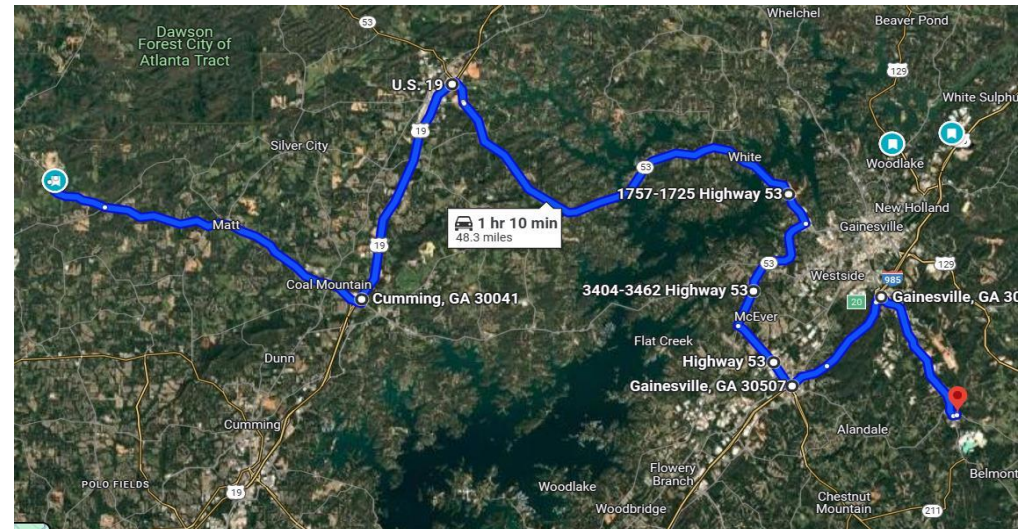


The images are from the 3-D renderings included in the zoning application, showing the view of the facility from Roy Parks Road and the perimeter. These renderings illustrate that the facility is minimally visible from the road and have a substantial wooded buffer to neighboring properties to the north and east.

1. See support letters appended hereto and part of the application materials from the immediate adjacent neighbor to the east (Faye Peck Pass) and the church to the west.

# Collaborated with Forsyth & Hall County Representatives to Determine the Proposed Trucking Route

- Applicant had several conversations with Hall and Forsyth County to address traffic concerns. Revision shown here.
- Applicant agreed to limit truck traffic (1) Monday – Friday from 6:45 am – 7:45 am and 2:25 – 4pm to align with the school zone time frames and avoid high traffic times and (2) during church service start and end times on Sundays.
- Hall County proposed the following condition to the applicant's zoning approval: "Within Hall County, truck traffic on Highway 53 will be limited to that section between McEver Road and the Hall/Forsyth county line and must utilize I-985 to travel from Highway 53/Mundy Mill Road and GA-60/Candler Road."



- Applicant also conducted a traffic study to determine the projected traffic impact from its operations.
- The study indicated that the Project will have no significant impact on the operations of the adjacent study intersections and roadways.
  - Projected site traffic is expected to make up no more than 1% of Average Annual Daily Traffic volumes on the study roadways with the exception of Roy Parks Road.
  - Projected site traffic is expected to make up less than 2% of peak hour traffic volumes on the study roadways with the exception of Roy Parks Road which is approximately 5% or less.

Name	Location	Percentage of Future Traffic
Roy Parks Road	East of Candler Road	3.5%
Candler Road (SR 60)	South of Lee Land Road (North of site)	1.0%
Candler Road (SR 60)	North of I-985 interchange	0.5%
Dawsonville Highway (SR 53)	South of McEver Road	0.5%
Dawsonville Highway (SR 53)	East of Saridis Road	0.5%
Keith Bridge Road (SR 306)	South of Leland Drive	1.0%
Browns Bridge Road (SR 369)	West of US 19	0.6%
Matt Highway (SR 369)	East of McBrayer Road	1.4%

# Safety

4212 Roy Parks Rd, Gainesville, GA 30507

- **Certarus**
  - Impeccable Safety Record
  - Best in class Technology, Training, and incentives.
  - Emergency Response Plan (ERP) & Emergency Response Assistance Plan (ERAP)– Already developed and ready for fire dept review and feedback.
  - Facility and trucks are designed with automation and redundancy meeting and exceeding safety standards to prioritize safety for employees and community.
  - Stringent driver qualifications, including requiring drivers to undergo rigorous training programs to handle natural gas safely and respond effectively to any emergencies.
- **Hall County Fire Department Hazmat Capabilities**
  - Met with Fire Dept and reviewed project with no comments other than concern of trucks getting stalled on tracks due to traffic at Chandler crossings.
  - Hall Co has HAZmat capabilities for hazardous materials already on the roads and trains passing through Hall Co everyday.
  - Requested a drone to assist with aerial imagery in case of emergency situations.
- **Roy Parks and Chandler Road**
  - Reviewed with CSX. Only 2 trains per month.
  - Plan to install alerting devices North and South of intersection within 2 miles to alert Certarus of incoming trains to respond to fire department's concern. Will delay any trucking when a train is in the area to avoid interruptions with trains.
  - In the event of an emergency, CSX will stop trains upon notification to its Public Safety Coordination Center.



Driving Simulator



Roy Parks and Chandler Road.



Realtime AI Driver tracking



Reinforced Trailer and Auto Vent Technology

In-Vehicle Monitoring of Driver	Dispatch Center Staffed 24/7	Fire Protection System
Emergency Shut Down	Brake Interlock (Trailer Doors)	Passive over-pressure protection
Grounding and Bonding Equipment	Roll Stability Support via ABS	Smart Trailer Technology

Trailer Technologies leveraged to enhance logistics, driver safety and fleet security.

**SATURN  
RENEWABLES**

# *Appendix*

Hall County Board of Commissioners  
Hall County Planning Commission  
2875 Browns Bridge Road  
Gainesville, GA 30504

RE: Rezoning Request Clean Eagle RNG, LLC Application to Rezone 4212 Roy Parks Road,  
Gainesville, GA 30507 to Planned Industrial Development Parcel ID Number 150240008

Dear Commissioners,

I am the executor of the Estate of Joyce Adams Roberts, the owner of the property that is the subject of the above application for rezoning. My residence address is 4176 Roy Parks Road, Gainesville, GA 30507, and my house is adjacent to the property being rezoned.

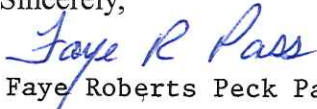
I have met with representatives of the applicant, Clean Eagle RNG, LLC, and I have read and approved the Application and Narrative, which were submitted to the Hall County Planning and Development Department, dated September 20, 2024.

The current use of the 6.63 acres of the property is a firearm shooting range, and the remaining 15.70 acres of land is forested and unimproved. The 6.63-acre tract is currently zoned H-B. The development will be limited to the 6.63-acres depicted in the Site Plan, preserving the remaining 15.70 -acres as forested and unimproved land with setbacks consistent with the zoning requirement. The development ensures a buffer of approximately 1,000 feet from residential neighbors to the north, maintaining the rural character and natural beauty of the area.

Following the rezoning of the property and the development of the decanting facility that will inject renewable natural gas into the existing Liberty pipeline, I will continue to live and reside at 4176 Roy Parks Road, which is adjacent to the property, as shown on the attached GIS.

I feel comfortable continuing to reside adjacent to the development and feel that the development will not be detrimental to my house or to any of the adjoining neighbors. I also feel confident that it will neither damage nor harm their property values nor my property values. I plan on attending the rezoning hearings and expressing my support of the rezoning.

Sincerely,



Faye Roberts Peck Pass



Liberty  
2300 Victory Drive  
Columbus, GA 31901  
T: 855-216-6305  
libertyenergyandwater.com

Date: 10 October 2024

Hall County Board of Commissioners  
Hall County Planning and Zoning Commission  
2875 Browns Bridge Road  
Gainesville, GA 30504

**Subject: Clean Eagle Decompression and CNG facility\_ Roy Parks Road**

Liberty Utilities (Peach State Natural Gas) Corp. would like to express our strong support for the Clean Eagle renewable natural gas (RNG) decompression and compressed natural gas facility being presented to the rezoning commission. Liberty Peach State provides natural gas distribution service to approximately 60,000 customers in Georgia, of which 9,000 are in Hall County. The proposed Clean Eagle facility will help Liberty Peach State bring locally sourced conforming natural gas to our customers in Hall County. Locally sourced natural gas is a clean, affordable, and reliable energy that helps mitigate reliance on natural gas markets and adds resilience to our distribution system. Additionally, this project will help bring downward pressure to customer rates.

By capturing methane currently being released into the atmosphere, this project will remove harmful contaminants, then deliver clean natural gas to customers on our Hall County distribution system. Locally sourced natural gas provides a unique opportunity for Hall County to turn Georgia waste into a source of independently created clean energy. While removing harmful greenhouse gases from our environment, this project will create new jobs and business opportunities in Hall County.

The location (Roy Parks Road) being considered for this project is adjacent to Liberty's Hall County transmission line. This site was deliberately selected for this reason, as the transmission line is the only place Liberty can accept/deliver the volumes of natural gas necessary to enable the project.

As always, Liberty Peach State appreciates your consideration of its comments. Hall County and the customers we serve are our priority, and we are committed to deliver safe, reliable, and affordable energy to you. This commitment will extend far beyond the duration of this project.

Sincerely,

  
Clint Cox

Director of Business Planning  
Liberty Utilities (Peach State Natural Gas) Corp.

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Denise Farmer (770-540-8810)  
Candler United Methodist Church  
4236 Roy Parks FD  
Gainesville, GA 30507  
470-354-5872

March 10, 2025

Hall County Planning and Development  
Hall County Commissioners  
Browns Bridge RD  
Gainesville, GA 30506

RE: Rezoning Application of Clean Eagle RNG, LLC

To Members of the Board of Planning and Development and  
County Commissioners:

The Members and Leadership of Candler United Methodist Church have reviewed the Zoning Application of Clean Eagle RNG, LLC. Based on the application we anticipate that Clean Eagle RNG, LLC and Liberty Utilities Corporation will be a responsible and supportive neighbor. We will not object to the rezoning of the property as outlined in the application.

Sincerely,



Denise Farmer (770-540-8810)

Candler United Methodist Church