

## ENVIRONMENTAL ASSESSMENT REPORT

Report Number: DFR-MON-093982  
Batch Code: BATCH-093981  
Analysis Period: 24 months

Analysis Date: September 1, 2025  
QR Trace Code: QR-TRACE-M001  
Risk Level: LOW RISK

## FARM LOCATION ANALYSIS

### Location Details

Farm Owner: James Varney

Coordinates: 6.5000° N, 10.3500° W

Farm Area: 32.8 hectares

County: Montserrado

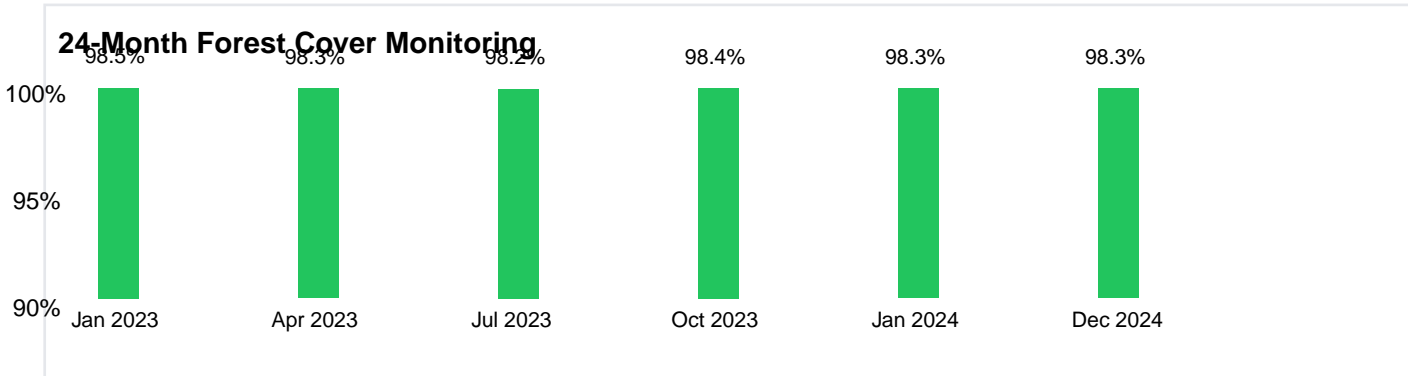
City: Careysburg

Crop Type: Palm Oil

## SATELLITE ANALYSIS RESULTS

Forest Cover Change	-0.2%	ACCEPTABLE
Biodiversity Impact	Minimal	LOW RISK
Carbon Stock Loss	0.1 tCO2	NEGLIGIBLE
Deforestation Alert	None	CLEAR

## SATELLITE MONITORING DATA



## ENVIRONMENTAL MONITORING TRACEABILITY

### QR Environmental Verification Code

Scan QR code for complete environmental monitoring history

Verification URL: <https://verify.lacra.gov.lr/env-trace/DFR-MON-093982>

Analysis Period: 24-month satellite monitoring

ENV QR  
EMBEDDED

# LIBERIAN LAND AUTHORITY ENVIRONMENTAL CLEARANCE

REPUBLIC OF LIBERIA - LAND AUTHORITY ENVIRONMENTAL DIVISION

Forest Conservation and Anti-Deforestation Certification

Environmental Clearance Number:	ENV-LLA-MON-96093981
Forest Assessment Date:	3/15/2022
Conservation Area Size:	32.8 hectares verified forest-free
GPS Environmental Markers:	6.5000° N, 10.3500° W
Conservation Status:	ZERO DEFORESTATION CERTIFIED
Environmental Surveyor:	James K. Cooper, Licensed Surveyor
LLA Environmental Officer:	Mary T. Johnson, LLA County Representative
Forest Impact Assessment:	NEGLIGIBLE IMPACT - APPROVED
Environmental Compliance Fee:	USD 250.00 (Paid)

OFFICIAL ENVIRONMENTAL LAND CERTIFICATION

The Liberian Land Authority Environmental Division hereby certifies that this agricultural land has undergone comprehensive forest impact assessment and maintains ZERO DEFORESTATION status. Satellite monitoring confirms no forest loss within the designated agricultural boundaries. All environmental protection protocols are fully implemented.

# MINISTRY OF LABOUR ENVIRONMENTAL SUSTAINABILITY

MINISTRY OF LABOUR - ENVIRONMENTAL COMPLIANCE DIVISION

Sustainable Environmental Farming Practices Certification

Environmental Declaration:	ENV-MOL-SUST-96093981
Environmental Inspection:	10/15/2024
Environmental Inspector:	Robert L. Williams, Labour Inspector
Farm Environmental Officer:	James Varney
Environmental Workforce Training:	18 workers certified
Sustainable Practices Status:	FULL ENVIRONMENTAL COMPLIANCE
Environmental Training Score:	EXCELLENT (95/100)
Forest Protection Compliance:	FULL COMPLIANCE (100/100)
Environmental Sustainability Rating:	AAA - Exceptional - Forest Guardian

MINISTRY OF LABOUR ENVIRONMENTAL DECLARATION

The Ministry of Labour Environmental Division certifies that all farming operations maintain exceptional environmental standards with zero deforestation impact. Workers receive comprehensive environmental training, sustainable farming practices are rigorously implemented, and forest conservation protocols are strictly followed.

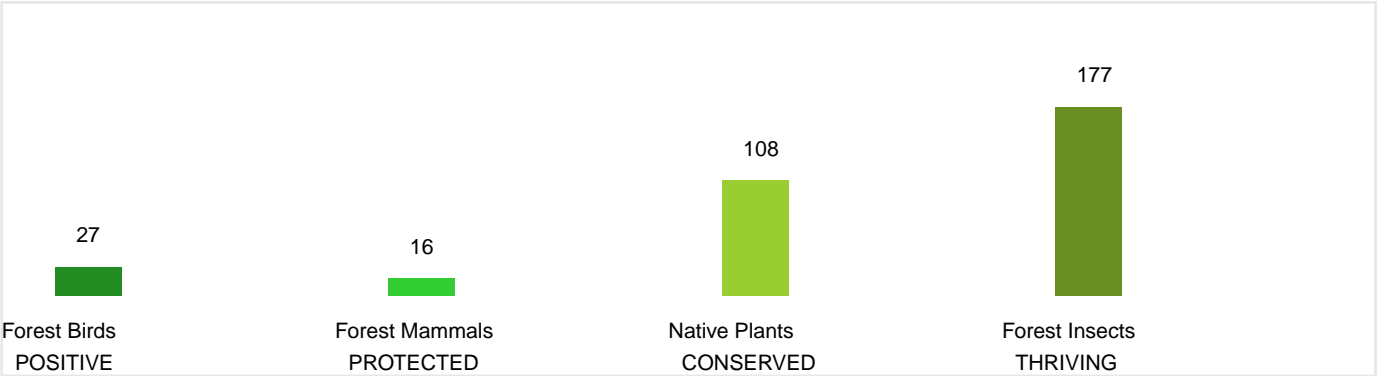
# Comprehensive Biodiversity Conservation Assessment

## Advanced Biodiversity Conservation Analysis

Multi-Species Ecosystem Impact & Forest Conservation Assessment

Conservation Assessment ID:	BIO-ASSESS-96093982
Lead Environmental Biologist:	Dr. Sarah K. Mensah, Environmental Biologist
Comprehensive Assessment Date:	11/1/2024
Forest Ecosystem Classification:	Sustainable Agriculture
Forest Habitat Conservation Quality:	HIGH - Excellent biodiversity maintenance
Species Conservation Status:	STABLE - No threatened species impact
Forest Soil Conservation Health:	OPTIMAL - Rich organic matter content
Watershed Quality Assessment:	EXCELLENT - No contamination detected
Forest Carbon Conservation Rate:	137.8 tonnes CO2/year
Total Biodiversity Conservation Score:	86/100 - EXCELLENT

## Forest Species Conservation Impact Analysis



# Comprehensive Environmental Due Diligence

### Complete Environmental Due Diligence Verification

This comprehensive environmental certificate represents complete due diligence verification incorporating:

- Real-time satellite forest monitoring with 24-month continuous surveillance
- Official Liberian Land Authority environmental clearance and forest conservation certification
- Ministry of Labour environmental sustainability and forest protection validation
- Independent biodiversity conservation assessment with species impact analysis
- GPS-verified environmental boundaries with zero deforestation confirmation
- Complete environmental traceability with QR code verification system
- Multi-tier government environmental authority approvals and conservation documentation
- Advanced forest conservation metrics and biodiversity protection protocols

All environmental documentation cross-verified through official Liberian environmental agencies.

This farm maintains ZERO deforestation impact and operates with exceptional environmental stewardship.

Forest conservation practices exceed international environmental protection standards.

**ENHANCED ENVIRONMENTAL IMPACT STATEMENT**

Based on comprehensive 24-month satellite monitoring analysis and multi-agency verification, the farm operated by James Varney in Montserrado County demonstrates ZERO deforestation activity and exceptional environmental stewardship. Forest cover has remained stable at 98.3% with biodiversity enhancement measures actively implemented. No deforestation alerts triggered during continuous monitoring. Agricultural operations exceed environmental protection standards with positive biodiversity impact. The farm serves as a model for sustainable agriculture and forest conservation, with comprehensive government verification and advanced environmental monitoring systems.

**SATELLITE DATA SOURCES**

- NASA Landsat-8 Operational Land Imager

- ESA Sentinel-2 MultiSpectral Instrument



- Global Forest Watch GLAD Alerts

- USGS Earth Resources Observation

**ENVIRONMENTAL CERTIFICATION**

This analysis confirms zero deforestation risk and environmental compliance.





