

Connecting Waste Oils to Global Markets

Renewable fuels produced from used cooking oil (UCO), tallow, and other biogenic waste oils, fats, and greases can access value under the U.S. Renewable Fuel Standard (RFS). But eligibility and the ability to generate credits depend on meeting specific RFS requirements.

These oils may travel thousands of miles from restaurants and renderers through collectors, aggregators, processors, storage facilities, traders, ports, then to importers. Regardless of where the feedstock or renewable fuel (such as biodiesel, renewable diesel, or sustainable aviation fuels) originates, RFS eligibility must be demonstrated through the supply chain.

Why QAP?

A U.S. Environmental Protection Agency (USEPA)-approved Quality Assurance Program (QAP) provides independent third-party verification supporting Renewable Identification Number (RIN) generation. Verified Q-RINs provide additional

Feedstock eligibility must be established, traceability documented, and supporting evidence ready for verification.

regulatory protection, including an affirmative defense under specified conditions if a RIN is later determined to be invalid.

Through EcoEngineers' QAP protocols, we verify the evidence supporting feedstock and renewable fuel eligibility, from point of origin through collection, aggregation, processing, storage, transportation, renewable fuel production, and RIN generation.

What We Verify:

- **Origin records** for 100% of the feedstock from identified establishments with genuine waste generation
- **Segregation** of qualified material from unqualified material
- **Traceability** through weights, dates, and locations of transaction records that are reconciled and documented from collection to fuel production

Verification Across Every Handoff*



Waste oils sourced globally



Receipts required for proof of quantity, location, and date



RFS pathway registration required



Transfer documentation maintained



Qualified RINs generated

*Production and export sequence varies by project. Protocol verification supports due diligence. It does not itself confer RFS eligibility or replace USEPA registration, an accepted plan, or pathway requirements.



About EcoEngineers

EcoEngineers, an LRQA company, is a consulting, auditing, and advisory firm with an exclusive focus on the energy transition. From innovation to impact, EcoEngineers helps its clients navigate the disruption caused by carbon emissions and climate change. EcoEngineers helps organizations stay informed, measure emissions, make investment decisions, maintain compliance, and manage data through the lens of carbon accounting. Its team of engineers, scientists, auditors, consultants, and researchers live and work at the intersection of low-carbon fuel policy, innovative technologies, and the carbon marketplace.

For more, visit www.ecoengineers.us.

About LRQA

LRQA is the leading global risk management partner. Through its connected risk management solutions, LRQA helps clients navigate an evolving global landscape to keep organizations one step ahead. From quality assurance to safety, cybersecurity, climate performance and responsible sourcing, LRQA works with clients to identify risks across their businesses. LRQA team of experts then creates smart, scalable solutions, tailored to help organizations prepare, prevent, and protect against risk. For more, visit www.lrqa.com.

For more information, please contact clientservices@ecoengineers.us.