

# Innovation Fuels Biodiesel Plant



**PROJECT:** Biodiesel Processing Facility  
**CLIENT:** Innovation Fuels  
**LOCATION:** Newark, NJ  
**SERVICES:** P&ID drawings, Permitting, Procurement, Purchasing and PLC design

**DESCRIPTION:** Conversion of a petroleum terminal into a biodiesel processing facility designed to meet the client's production goal of 40 million gallons of biodiesel annually. River provided engineering services utilizing expertise in piping and fluid design to reconstruct a petroleum holding terminal to produce biodiesel made from animal tallow. Renovations were successfully completed at a minimum cost.

## PRINCIPAL FEATURES:

- Recommendations and specifications for tank upgrade
- Design enhancements and P&ID re-draw creating an 800,000 barrel per year production improvement
- Procurement and selection of instruments and pumps
- PLC panel design and interconnection
- Met Innovation Fuels goal of producing 40 million gallons of biodiesel a year

