

Site Qualification Guide  
**SynSel**  
Portage-du-Fort  
Quebec





## A letter from the CEO:

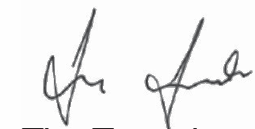
SynSel's mission is driven by socially responsible investing to produce Renewable Second-Generation Biofuels. We've assembled a leading team to bring this best-in-breed technology to market. Our goal is deploying our repeatable platform to 100 sites across the US and Canada in the next eight years.

Many rural communities are struggling from the closing of paper mills. Our Biorefineries complement existing forest-related industries within these communities by providing a profitable and eco-friendly outlet for waste wood. We use this wood to produce American-made, drop-in fuels. The production process is also good for the environment and provides a reduction in greenhouse gas emissions compared to fossil fuel-based equivalents.

Government incentives to create jobs and reduce carbon footprints are shepherding the petroleum industry to support America's burgeoning synthetic fuel sector. The SynSel fuel platform garners the highest priority and rewards from mandates designed to avoid the shortcomings of ethanol and biodiesel fuel.

Not only does your socially responsible and impact investor achieve an attractive return that is good for the environment, it also creates nearly 250 direct and indirect jobs at each site. The end result is resilient communities that can continue to succeed in forest-related industries. One SynSel Biorefinery at a time, we will do our part to increase national energy security, combat global warming, and increase resiliency in rural America. Are you ready to join the SynSel Synthetic Fuels Revolution?

Respectfully yours,



Tim Tawoda





## Sustainable Forestry

Although renewable waste wood feedstock is readily available across the US, SynSel works with and supports organizations that use best practices in sustainable forestry. We promote Environmental Stewardship for landowners within our procurement zones.

SynSel's biomass will be procured in accordance of multiple third-party certification programs including:

- The Forest Stewardship Council
- The Sustainable Forestry Initiative (SFI)
- The Program for the Endorsement of Forest Certification (PEFC)
- The American Tree Farm System

We will continue to promote certifications across the supply chain with an emphasis on sustainable forestry – one SynSel Biorefinery at a time.

## Enviro Industrial Parks

SynSel is throwing away the “Take, Make, Waste” model of production where waste is landfilled. Instead, we are further creating a Post-Carbon Economy that is designed to use the byproducts from the production of biofuel to provide material streams that are efficiently reused. The benefits of this approach are clear: less waste, improved environmental impact, and lower costs. We will also provide opportunities to further mitigate waste from the community.

The clustering of these manufacturing and service organizations near SynSel plants allows for the sharing of resources – infrastructure, inputs, and information – for better economic, environmental, and social performance.





## Community Resiliency

Rural America needs help. Plant closures and job loss have stressed local communities. What remains is high unemployment, underutilized manufacturing zones, and excess wood feedstock.

The locations highlighted in this Site Qualification Guide are an ideal fit for a SynSel Biorefinery. These projects have the necessary support by local and state officials. There is a qualified and available workforce. Plus, there is an abundance of wood feedstock required for SynSel Plants to produce drop-in fuels.

One Biorefinery at a time, SynSel does its part to rebuild rural America and strengthen community resiliency.

## Responsible Investing

Today's Socially Responsible Investor has a lot to consider when making investment decisions. What is the technology and its environmental impact? What's the source of feedstock? What's the carbon footprint of production and transportation? Where is the product produced and by whom? Not to mention, what is the return?

SynSel Biorefineries use a breakthrough catalytic process to produce drop-in fuels that reduces greenhouse gas emissions by over 65% compared to fossil fuel-based equivalents. Locally grown wood is used for the "Americanmade" fuel. The drop-in fuel price is market-driven, while wind and solar sell electricity back to the grid at a price set by the utility company.







# Portage-du-Fort

## Site Specifications

Industrial Site Information

Village .....	Portage-du-Fort
Municipality .....	Pontiac Regional County
Provence .....	Quebec
Elevation .....	285 ft
Site Acreage .....	2,200
Zoning Classification .....	Commercial

Transportation

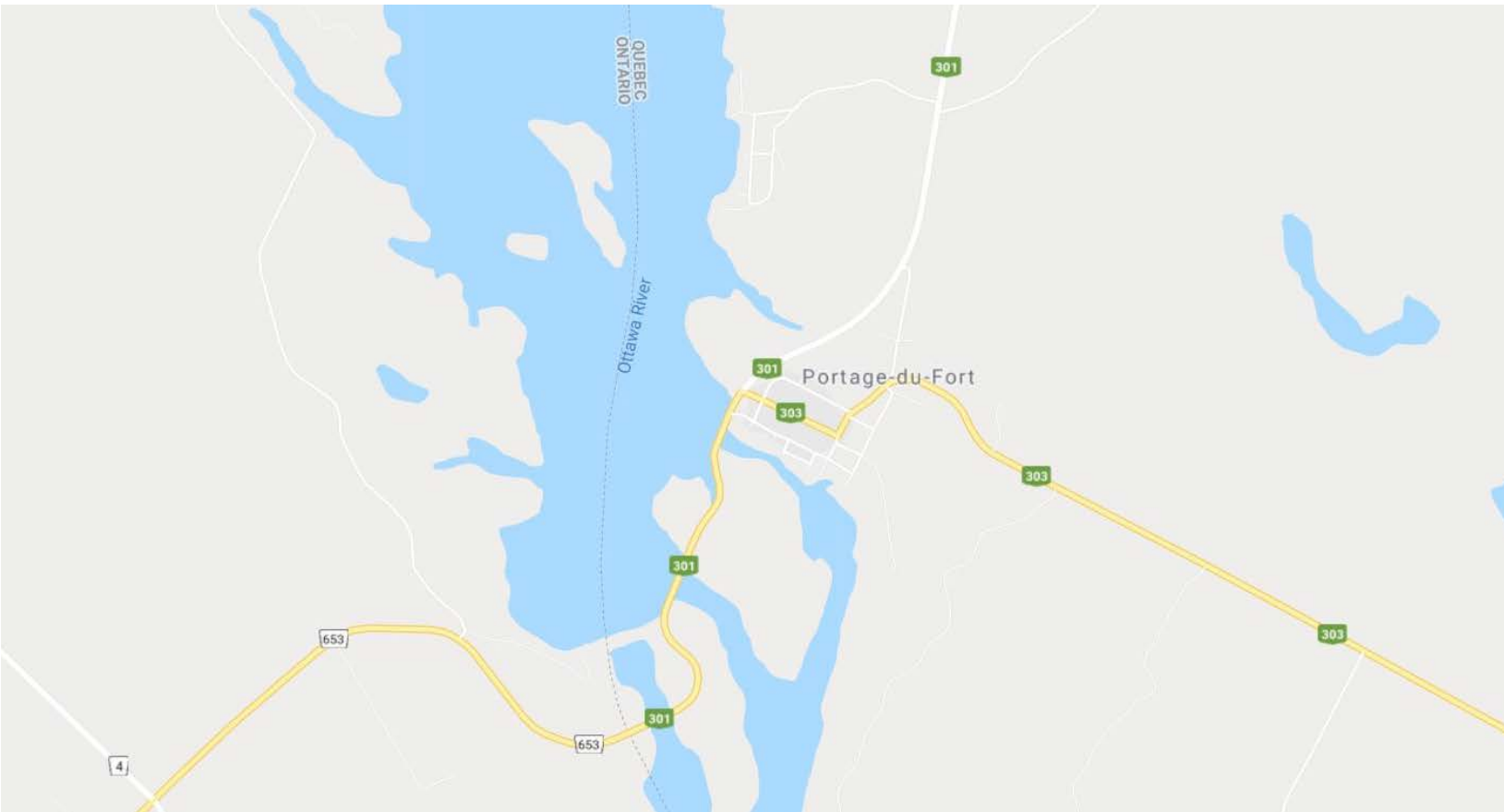
Adjacent Roadway .....	Quebec Routes 301 & 303
Nearest Airport .....	Ottawa International Airport
Distance .....	73 miles
Major Waterway .....	Ottawa River
Distance .....	On-site
Nearest Railway .....	Abandoned Canadian Pacific Line

Utilities

Natural Gas .....	None – Onsite Boiler
Electric Power .....	Hydro Quebec & Hydro Ontario
Water Supplier .....	Non-Potable water from Outaois River
Sewer Supplier .....	Onsite water treatment plant

Economy (Pontiac Regional County Municipality)

Current Unemployment .....	11%
Population Estimates (2011) .....	14,358







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