



2019 FACTSHEET

SHELL NORCO



The Shell Norco Manufacturing Complex is home to Shell Oil Products US (Refining) and Shell Chemicals, located in Norco, Louisiana near the Mississippi River, about 20 miles west of New Orleans in St. Charles Parish on nearly 1,000 acres of land.

The Refinery is designed to convert approximately 250,000 barrels per day of 'medium sweet' crude oil. Chemicals manufactures ethylene, propylene and butadiene that are used to make many different everyday materials and end products.



HOW WE TRANSPORT IT



Ships are the primary vehicle used to move product at Shell Norco however, trucks, rail and barge are used as well.

Pipeline – 2.3 billion gallons of:

- Gasoline
- Jet Fuel
- Diesel

All Propylene & Ethylene transported by pipe

Ship:

- 1.5 billion gallons per year of clean products such as gasoline, jet fuel and ultra low sulfur diesel

Truck:

- 180 tons a day of sulfur

Rail:

- 600 rail cars per year of butadiene
- 360 rail cars per year of butylene

Barge:

- Aromatic feedstocks – 1 million gallons per year
- Butadiene – 630,000 gallons per year
- Butylene – 630,000 gallons year
- Clean products (Gasoline/Jet/ULSD) – 230,000,000 gallons per year.
- Residual fuel oil – 89,000,000 gallons per year.

ECONOMIC IMPACT



Shell Norco is one of the largest taxpayers in St. Charles Parish

\$29.4 million in property taxes paid in 2017

One fifth of the St. Charles Parish property tax base

WHAT WE MAKE



Products made at Shell Norco are used by customers to produce a variety of industrial and consumer products which include gasoline, jet fuel and Ultra Low Sulfur Diesel in the refinery and antifreeze, detergent, tires, trash bags and plastic food containers in the chemical plant.

Refinery:

- Gasoline
- Jet Fuel
- Diesel
- Residual Fuel
- Sulfur
- Liquefied petroleum gases
- Anode grade coke

Chemical:

- Ethylene
- Propylene
- Butadiene
- Butylene

WORKFORCE



1,200 Staff Employees

1,000 Contractors

GENERAL LOGISTICS



- Approximately 110 storage tanks including bullets and spheres
- We have four truck loading racks
- We have eight rail loading racks
- We have three docks for ships and barges
- We have two gasoline blenders
- We have two labs, one is the main complex lab where most product release lab data is generated. We have one motor lab dedicated to testing finished gasoline.



SAFETY AND SOCIAL RESPONSIBILITY



A commitment to protect the community, employees and the environment is a primary consideration and concern in every Norco process. No responsibility or task is recognized as completed unless precautions, procedures, and rules of safe operations have been followed. Norco pledges to maintain a safe working environment with compliance to local, regional and national regulations. Systems are in place to sustain, safe, healthy, and environmentally sound working conditions.



DAILY PRODUCTION CAPACITY



Refinery:

- Crude: 250,000 barrels (10.1 million gallons) processed daily
- Gasoline: 170,000 barrels (7.1 million gallons) produced daily total regular and premium grades
- Jet-A aviation fuel: 44,000 barrels (1.9 million gallons) produced daily
- Ultra-low sulfur diesel: 95,000 barrels (4.0 million gallons) produced daily
- Anode grade coke: 1,000 tons produced daily

Chemicals:

- Ethylene: 3.33 billion lbs/yr
- Propylene: 1.44 billion lbs/yr
- Butadiene: 0.35 billion lbs/yr
- Aromatic feedstocks: 0.84 billion lbs/yr

SHELL NORCO HISTORY

EARLY

In 1916, the New Orleans Refining Company purchased 366 acres of sugar cane field from the Goodhope Plantation to establish a marine petroleum supply terminal. In 1920, the New Orleans Refining Company began refining oil and thus the name of the town – Norco. The Shell Petroleum Corporation, a forerunner of Shell Oil Company, acquired the Norco Refinery in 1929. The chemical plant was added in 1955.

RECENT

(post 1990 developments)

In 1998, a merger with Texaco and Saudi Aramco made the refining and chemical business officially separate; Shell Norco Refining Company became a division of Motiva Enterprises. In 2002, Texaco exited the merger and Motiva Enterprises became a 50/50 joint venture between Shell and Saudi Aramco. In 2004, the West Site Chemical Operations leased to Resolutions Performance (Hexion). The lease with Hexion ended and W.R. Grace is currently leasing a portion of the site. Following the Motiva joint venture separation, in May 2017, Shell assumed full ownership of the Norco Refinery.

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