



DESIGN. BUILD. OPERATE.

OPERATIONAL EFFICIENCY BEGINS WITH DESIGN

Savage provides front-end engineering and comprehensive project management to design and construct facilities and material handling systems with the end in mind. Our operational experience produces better designed projects with increased efficiency and reduced costs.

DESIGN

Our team analyzes your specific needs and designs facilities that optimize the flow of materials and minimize operational costs. Because we operate the facilities we design, we eliminate unnecessary complexity while ensuring safety and reliability.

BUILD

We work as the owner's representative to keep your project on schedule and on budget. We also construct facilities to serve your operational needs, with the benefit of being able to finance projects for Customers. We build only what is necessary to get the job done right. Simply put—we don't build what you don't need.

OPERATE

We move and manage our Customers' critical materials at Savage-owned and Customer-owned facilities around the world that we've designed and built, including:

- Crude-by-rail terminals & transload facilities
- Oil refinery railroad tracks & loop tracks
- Petroleum & bulk liquid storage tanks
- Petroleum coke & sulphur handling systems
- Bulk material truck loading & unloading facilities
- Power plant & refinery material handling equipment
- Chemical & polymer handling facilities
- Marine loading & unloading systems
- Marine vessel construction
- Conveyors & material handling systems

SAVAGE[®]

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REPRESENTATIVE SAVAGE-OPERATED FACILITIES



DELAWARE CITY, DELAWARE REFINERY

Savage financed, designed, and built petroleum coke and crude oil unloading systems, including:

- Custom conveyors, baghouses, and truck scale
- Petcoke storage building
- 2 pug mills
- 12k feet of 24-inch pipeline network
- 300k cubic yards of civil work
- 16k feet of loop tracks
- 14 railcar unloading stations

After we completed the design and construction of these facilities, our operations team began providing ongoing services including railcar switching and logistics; unit train loading; heavy and light crude unloading; petroleum coke, sulphur, LPG, and benzene handling; and facility maintenance.

TRENTON, NORTH DAKOTA PETROLEUM TERMINAL

Savage financed, designed, and built a 180-acre petroleum terminal site in Trenton, North Dakota with approximately:

- 400k cubic yards civil work
- 35k feet of loop and transload tracks
- 5 crude oil tanks
- 10k feet of pipeline network
- 24 enclosed railcar loading stations
- 12 enclosed truck receiving stations

Savage operates this premiere crude-by-rail facility in North Dakota, which is one of the most efficient terminals with the highest optionality for Customers in the region.

WESTLAKE, LOUISIANA RAILCAR WASH FACILITY

Savage financed, designed, and built a railcar wash facility as part of a major expansion project at our Customer's facility in Westlake, Louisiana, positioning our Customer as a significant producer in the plastic manufacturing space.

Our expertise delivering the project allowed Savage to expand our long-term facility management to include a 1,500-railcar capacity SIT yard, overseeing:

- 32 miles of track and 132 switches
- Railcar wash bay, repair track & loaded storage tracks
- 24/7 operations