

POTATO PROCESSING PLANT EXPANSION

Midwest Food Products Inc.

Carberry, Manitoba



Project Description

Midwest Food Products Inc. is a potato processing facility near Carberry, Manitoba, jointly owned and operated by Nestle Canada Inc. and Simplot Canada Ltd. The existing facility produces approximately 350,000,000 lbs/year of frozen french fries and formed potato products.

Midwest Foods had intended to double the production capacity of the plant. This \$120 Million expansion would include the addition of a 40,000 lb/hr fry line and a 5,000 lb/hr Preform Line. The expansion would require the construction of a new process building to house the equipment, an increase in the capacity of utilities and mechanical/electrical services and major modifications to several of the adjacent buildings and functional areas in the existing plant.

KGS Group was retained to provide detailed design services for this project. The conceptual design of the expanded facility and preparation of a detailed report and cost estimates related to the expansion was completed by KGS Group in 2000. The scope of services provided by KGS Group included:

- Civil work associated with site services, land drainage improvements, etc.
- Geotechnical work for building and equipment foundations
- Structural/architectural work for new buildings and modifications to existing buildings
- Building HVAC and process ventilation requirements
- Mechanical process piping and systems, including:
 - Steam plant
 - Natural Gas system
 - Cold water supply
 - Warm water
 - Process sewer
 - Drainage
 - Sanitary Sewer
 - Compressed Air
 - Vegetable Oil tank farm and distribution
 - Raw receiving, peel waste and mud removal
 - Central foam cleaning system
- Fire Protection
- Electrical power infrastructure
- Grounding

Final implementation of the project is currently on hold.