



Project Description

KGS Group was retained by CanAmera Foods Ltd. to provide detailed engineering design for a new \$15 Million crude oil refining plant at its existing canola crushing facility near Russell, Manitoba. While the deodorizing process was designed and supplied by De Smet Process and Technology Inc. of Atlanta, KGS Group was responsible for the following designs:

- Bleaching process
- Winterizing process
- Tank farm
- Loadout

KGS Group provided electrical, mechanical and civil/structural engineering services, including procurement, PLC Programming for process controls, construction inspection, commissioning and start-up. The project was carried out on a fast-track basis with design and construction being carried out concurrently employing sequential contracts.

Canamera Foods Ltd.

Russell, Manitoba



Refinery Bldg frame with
Deodorization/Bleaching Vessels



Electrical Room



Tank Farm



Refrigeration Plant



Rail Loadout



Completed refinery, pumphouse, clay silo,
nitrogen generator, tank farm and pipe
bridge to loadout