

Assignment Name: SUNCOR Voyageur Camp Facility		ID#: 11
Country: Canada Location within Country: Alberta	Approx. value of the contract: Not available.	
Name of Client: SUNCOR	Approx. value of the professional services provided under the contract: US\$ 350,000.	
Address:	Total No. of staff-assigned to Project: 4	
Start date (month/year): January 2012	Total No. of staff-months of the assignment: 5	
Completion date (month/year): April 2013	Duration of assignment (months): 16	
<u>Narrative description of Project:</u> Design of utilities / facilities for a new camp for the proposed Voyageur Oil Sands Upgrader incorporating 1,500 bed unit for Contractors and a further 3,000 beds in long-term accommodation facilities.		
<u>Description of actual services provided by professional engineering staff within assignment:</u> Project Management and Civil Design lead for the 1,500-person construction camp, including access and internal roads, fire water supply, sewer, stormwater and potable water distribution Scope included all surface works and construction platform design, drainage, sewer and water utility services, including both temporary and long-term facilities. Including design of a temporary fire suppression system utilising the stormwater retention pond as fire water source. Preparation of a procurement package including tender drawings, technical and commercial specifications and schedule of quantities.		
<u>Description of Activities provided by RWI</u> Project Manager and design lead for all municipal and civil utilities. Fire flow was supplied with booster pumps with ground storage tanks as supply. Design took into account circulation requirements and limited requirements for any additional chlorination to prevent algae build-up in the water storage facilities. Provided project oversight of the procurement package to the project engineers; client management and management of various claim and scope variation submissions.		

