

Assignment Name: MPB Surmount – Utility and site services for Office Complex		ID#: 13
Country: Canada Location within Country: Alberta	Approx. value of the contract: Not available.	
Name of Client: Bantrell / ConocoPhillips	Approx. value of the professional services provided under the contract: US\$ 375,000.	
Address:	Total No. of staff-assigned to Project: 8	
Start date (month/year): June 2012	Total No. of staff-months of the assignment: 6	
Completion date (month/year): October 2013	Duration of assignment (months): 16	
<u>Narrative description of Project:</u> Design and construction supervision for the access roads, parking, surface and underground drainage, water and sewer services for the Multi Purpose Building (MPB) situated at Surmount Phase 2 (O&G Facility).		
<u>Description of actual services provided by professional engineering staff within assignment:</u> Design of all surface platforms and surface drainage systems, perimeter drainage ditches, utilities and fire supply and access control and access buildings. The project site was within 150m of a wetland with significant environmental restrictions concerning surface water discharges. High water table also required careful consideration of trenching and under-floor drainage systems.		
<u>Description of Activities provided by RWI</u> Project Director and civil and utility design QA lead. Provided input and guidance on the preferred surface drainage solution in order to eliminate / reduce underground piped drainage systems which were subject to freezing and back-up during high rainfall events due to proximity to wetland and the very flat topography of the complex area.		

