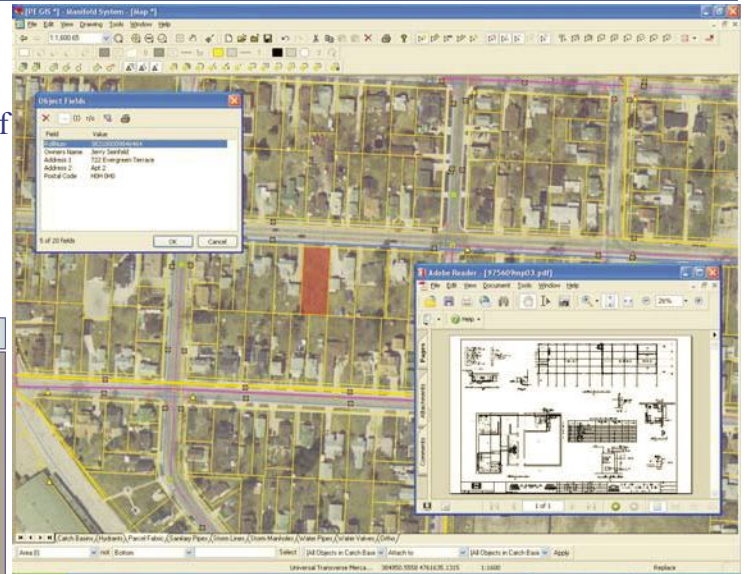


Personalized GIS Solutions

Monteith & Sutherland Limited provides commercial, industrial and municipal clients with customized Geographic Information Systems. The ultimate goal of these systems is cost savings through organization and efficiency. Routines that were once laborious tasks consisting of sifting through reams of information can be reduced to a simple click of the button.



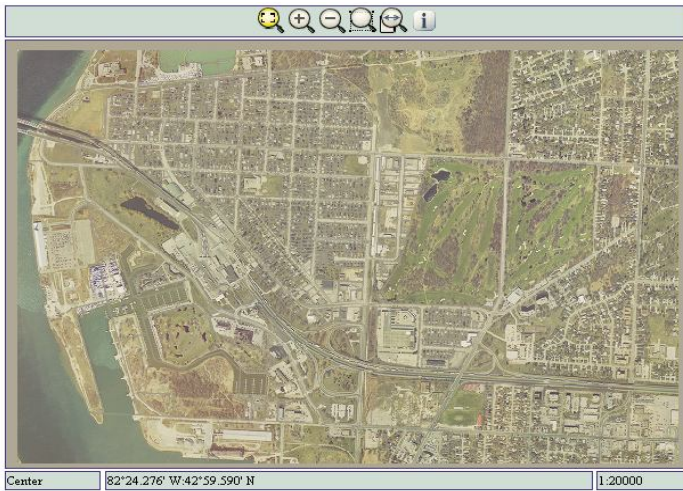
Database Management

With information becoming stored increasingly in digital formats, it has become evident that some sort of management system is necessary for organization. Monteith and Sutherland has years of experience with database creation, management, and access with

regards to geographic information. Our clients digital files (as-built drawings, PDF files or word documents) combined with our diverse library of geographic data (GPS and TPS data, aerial photography, high definition scanning) can provide complex and powerful databases.

Customizable Features

Organized data is useless without methods to extract information. Using Structured Query Language (SQL) we can create custom queries to pull specific information our clients need. This is further enhanced by the geographic nature of that data. For example, during the yearly line flushing a municipality might need to know how many lots are within 100m of a specific fire hydrant. Not only can the information be returned, form letters and mailing labels can be printed at the same time saving hours of tedious labour. Furthermore, customized forms can be created for data entry or retrieval.



Internet Mapping Services

Organized information is useless without access points. Our GIS's can be set up for access via one single computer or over the internet. Our secure sites have virtually all the functionality of a desktop GIS, but can be viewed from anywhere the internet is available. This benefits large organizations which may have many users querying the data at the same time.

Hydrant Inspection Report

Point Edward Hydrant Inspection Report

Hydrant Number: [] OK Date: 10/18/2006

Location: [] Year: [] Main Size: [] Black Band: [] Model: []

Visual Inspection		Hydrostatic Test	
Port Height (min. 14")	<input type="radio"/> OK <input type="radio"/> Not OK	Flow Test Results	<input type="radio"/> USGPM <input type="radio"/> PSI
Operating Nut	<input type="radio"/> <input type="radio"/>	Static Pressure (PSIG)	[]
Caps	<input type="radio"/> <input type="radio"/>	Flush Time (minutes)	[]
Paint	<input type="radio"/> <input type="radio"/>	Fully Open	<input type="radio"/> Yes <input type="radio"/> No
Chains	<input type="radio"/> <input type="radio"/>	Above Ground Leak	<input type="radio"/> <input type="radio"/>
Traffic Flange	<input type="radio"/> <input type="radio"/>	Below Ground Leak	<input type="radio"/> <input type="radio"/>
Water Runs Clear	<input type="radio"/> Yes <input type="radio"/> No	Fully Closed	<input type="radio"/> <input type="radio"/>
Water in Barrel	<input type="radio"/> <input type="radio"/>	Adequate Drainage	<input type="radio"/> <input type="radio"/>
General Operation		Underground Leak	<input type="radio"/> <input type="radio"/>
<input type="radio"/> Satisfactory <input type="radio"/> Unsatisfactory		Non-Draining Hydrant	<input type="checkbox"/> <input type="checkbox"/>
Inspected By: Joe Graham		Pumped Out	<input type="checkbox"/> <input type="checkbox"/>
Insert Comments Here...		Drop Line Checked	<input type="checkbox"/> <input type="checkbox"/>
Preventative Maintenance			
<input type="checkbox"/> Lube Oper. Mechanism			
<input type="checkbox"/> Inspect Nozzle Threads			
<input type="checkbox"/> Inspect Cap Threads			
<input type="checkbox"/> Lube Nozzle Threads			

Buttons: Update, Export, Print, Close

BUILDING AS-BUILTS

Overall Site Plans

Drawing Number	Page	Description	PDF	AutoCAD
9756.09	C1	Notes, Abbreviations & Legends		
9756.09	C2	Site Plan		
9756.09	C3	Granular Foundation Detail & Removals		
9756.09	C4	Site Grading and Drainage		
9756.09	C5	Access Road & Building Services		
9756.09	C6	Pump Station and Control Building		

Our geographic information systems have proven invaluable tools for many clients across the province. For more information on how Geographic Information Systems might benefit your organization, or for information on any other service we offer, please contact Monteith and Sutherland at the number above.