



PRIORITIES COMMITTEE AGENDA

to be held on
Wednesday, May 12, 2004
at
7:00 p.m.

**Councillor
Terry Kett
Chair**



**Councillor
Frances Caldarelli
Vice-Chair**



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**EIGHTH MEETING OF THE PRIORITIES COMMITTEE
TO BE HELD ON WEDNESDAY, MAY 12, 2004 AT 7:00 P.M.
IN THE COUNCIL CHAMBER, TOM DAVIES SQUARE**

(PLEASE ENSURE CELL PHONES AND PAGERS ARE TURNED OFF)

The Council Chamber of Tom Davies Square is wheelchair accessible. Please speak to the City Clerk prior to the meeting if you require a hearing amplification device. Persons requiring assistance are requested to contact the City Clerk's Office at least 24 hours in advance of the meeting if special arrangements are required. Please call (705) 671-2489, extension 2475. Telecommunications Device for the Deaf (TTY) (705) 688-3919. Copies of Agendas can be viewed on the City's web site at www.greatersudbury.ca.

COUNCILLOR KETT, IN THE CHAIR

1. Declarations of Pecuniary Interest

**ANY ITEMS NOT DEALT WITH BY THE ADJOURNMENT HOUR OF
10:00 P.M. WILL BE CARRIED OVER TO THE MAY 26, 2004 MEETING
OF THE PRIORITIES COMMITTEE.**

PRESENTATIONS/DELEGATIONS

PAGE NO.

- 2. Report dated 2004-05-07, with attachments, from the General Manager of Corporate Services regarding 2004 Property Tax Policy.
(REPORT AND RECOMMENDATION TO BE TABLED)
(ELECTRONIC PRESENTATION)

- ▶ John Hughes, Hemson Consulting Ltd.

(This report will not be available until Wednesday evening as OPTA (the system that assists the City with Tax Policy analysis) does not currently have all of our data processed which makes any accurate analysis impossible.)

- 3. Letter dated 2004-04-01 from the Onaping Falls Art Club regarding a presentation to announce their 40th Anniversary.
(VERBAL PRESENTATION) (FOR INFORMATION ONLY)

1

- ▶ Shirley Mirka & Bernice Stewart, Co-Chairpersons, Onaping Falls Art Club

- 4. Presentation regarding the Adanac Short Term Committee Report.
(ELECTRONIC PRESENTATION) (FOR INFORMATION ONLY)

- ▶ Councillor Lynne Reynolds will introduce Mr. Gus Cacciotti, Co-chair, Adanac Short Term Committee

- 5. Report dated 2004-05-05 from the General Manager of Economic Development & Planning Services regarding the City of Greater Sudbury's Ortho-Imagery on the Web.
(ELECTRONIC PRESENTATION) (FOR INFORMATION ONLY)

2 - 4

- ▶ Tom Endleman, Co-ordinator of Surveys

MANAGERS' REPORTS

{NONE}

CORRESPONDENCE - INFORMATION ONLY

{NONE}

ADJOURNMENT (10:00 P.M.) (RESOLUTION PREPARED)

{MAJORITY REQUIRED TO PROCEED PAST 10:00 P.M.}

2004-05-07

**COUNCILLOR TERRY KETT
CHAIR**

**CORRIE-JO CAPORALE
COUNCIL SECRETARY**

Presentations and Delegations

Att Thom Nowry:

April 01-04

To: Your Worship Mayor Courtmarche
and Members of Council

RE: 40 Anniversary Council Enapung Falls
Ent Club

Could you please allow us a few
minutes on the April 25th - 27th Agenda
regarding the celebration of our
Ent Club's 40th Anniversary.

Thankyou for this consideration
Co Chairpersons

Shirey Mirka, Denise Stedart

Please reply to Shirey Mirka
Box 204
Enapung Ent P.O. Box 204
PH 946-3564

671-8118 - 1 page.

Request for Recommendation Priorities Committee



Type of Decision									
Meeting Date	May 12 th , 2004				Report Date	May 5 th , 2004			
Recommendation		Yes	<input checked="" type="checkbox"/>	No	Priority		High		Low
	Direction Only				Type of Meeting		Open		Closed

Report Title

THE CITY OF GREATER SUDBURY'S ORTHO-IMAGERY ON THE WEB

Policy Implications + Budget Impact

<input type="checkbox"/>	This report and recommendation(s) have been reviewed by the Finance Division and the funding source has been identified
n/a	
<input checked="" type="checkbox"/>	Background attached

Recommendation

FOR INFORMATION ONLY

<input type="checkbox"/>	Recommendation attached
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Recommended by the General Manager

Doug Nadorozny
 Doug Nadorozny, General Manager
 Economic Development and Planning Services

Recommended by the C.A.O.

Mark Mieto
 C.A.O.

Mark Mieto

Date: May 5th, 2004

Report Authored By



T. Endleman, Coordinator of Geographic Information, Surveys & Mapping

Division Review



W. E. Lautenbach
Director of Planning Services

BACKGROUND

THE PRODUCT:

In July of 2003, aerial colour photography was taken of the entire City of Greater Sudbury at a scale of 1:40,000 (the airplane was 4 miles up while taking the pictures). This was the first time in the last 25 years that any full-coverage map or photo product had been obtained and is required specifically for the new Official Plan Process and for all general mapping users.

The photography was scanned into digital format and then, by photogrammetric processes, was corrected and ortho-imagery was created. The term ortho-imagery comes from the word orthogonal - meaning at right angles - and that is really all that is done to the photographs. They are rectified and scaled so that it appears that every point on all photos is being observed from directly above - at right angles to the ground. The photograph is then actually a map.

This huge digital composite image was then chopped up into 180 grid squares covering 5km by 5km. Even so, each file is still 300 Mb. in size - too large for normal computers and software to handle. A special compression software for digital imagery called Mr.SID is then used to crush the files 30 times down to a more-manageable 10 Mb. This is similar technology to the popular MP3 music compressor but it is just a little more complex, having been developed by the US military before being released to the public.

The compressed SID files of all the City are now being published for all internal and external users through this web site but they are already in use by the Official Plan Consultants, the staff of Geographic Information, Surveys and Mapping, the Environmental Initiatives Group of Planning and various engineering consultants. This product, along with the new digital Street Maps built into the Street Guide and the Zoning Maps (all produced by the Geographic Information, Surveys and Mapping Group) are part of the transition from traditional hard-copy products to the completely digital and integrated world of GIS.

QUICK USER INFORMATION:

From the City of Greater Sudbury's web site - <http://www.greatersudbury.ca/> click on Services A to Z on the top bar and choose Aerial Photography under the "A" or Ortho Photography under the "O" and you will be at the entry site. The aerial photography entry site is also available directly on the Economic Development and Planning Services area of the City site.

Continued ...

Date: May 5th, 2004

As the entry web site explains, before the photography can be viewed, a plugin for Internet Explorer (or any other browser) must be loaded. Once the Lizardtech Express Viewer is on your machine (an automated process) then you can proceed to the Main Index Map. Each square on the Index will take you to one of the 5 km square photographs. If you are logging in through the web from outside Tom Davies Square it will take approximately a minute on a normal high-speed line to load the image, but once it is on your computer it moves fairly quickly. If you wonder why it takes a few seconds for the image to resolve after a big move or zoom process - remember - even though compressed to a "small" 10 Mb size, the file still represents 300 Mb. of data.

The Express Viewer has some very powerful tools on the bar at the top of the screen and also available by right-clicking on your mouse. The zoom and pan buttons and zoom slider bar take only a short time to get used to, but it is some of the other capabilities available through the right-click pull-down menu that make this a very special plug-in.

Set the measurement preferences to metres for the Geo Units (that is the geographic or native unit of the imagery) and set the display units to kilometres (to reduce size). Then, when the "Show Measurement Info" is toggled, a running display of the coordinates of everything on the image is shown. The length of anything can be measured (CTRL right click) and a total accumulative length (say for a route along a road or a distance around a property) is kept and highlighted on the photograph.

The print and save commands are more powerful than normal applications. Printing is "WYSIWYG" - "what you see is what you get" - making it very easy to determine exactly what you want to print simply by zooming the image and adjusting your window frame. More importantly, for many users, the save command (which is also WYSIWYG) allows output to four different file formats - depending on what software you want to use with the output file. You can then work with the copy of the file in a variety of ways depending on your needs. Any user can edit the *.bmp* file with MS Paint, or attach a *.jpg* file to a Word document. More sophisticated users can edit or work with the *.tif* file in Photoshop or Corel Draw, while Engineers, Planners, or GIS staff can use the *tif with twf* files in AutoDesk or ARC-GIS products and make use of the coordinates and exact scale of the images.

Attach.