

NOTICE

TO: MEMBERS OF THE JUNCTION CREEK SAFETY COMMITTEE

THERE WILL BE A MEETING OF THE JUNCTION CREEK SAFETY COMMITTEE ON THURSDAY, MARCH 27TH, 2008 AT 4:00 P.M. IN COMMITTEE ROOM C-2, TOM DAVIES SQUARE, 200 BRADY STREET, SUDBURY, TO DISCUSS THE FOLLOWING:

DISCLOSURE OF PECUNIARY INTEREST

PAGE NO.

1. MINUTES

Report #3, Junction Creek Safety Committee Minutes of
February 7, 2008
(FOR INFORMATION ONLY)

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2. SUB-COMMITTEE MINUTES

Communications/Education Minutes - January 10, 2008
- February 7, 2008

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Infrastructure Minutes - January 10, 2008
- February 7, 2008

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Safety/Rescue Minutes - January 10, 2008
- February 7, 2008

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3. SUB-COMMITTEES CAUCUS TO REVIEW RECOMMENDATIONS

4. PRESENTATION OF SUB-COMMITTEE RECOMMENDATIONS

- Communications/Education
- Infrastructure
- Safety/Rescue

5. REVIEW OF RECOMMENDATIONS TO BE INCLUDED IN COMPREHENSIVE PLAN OF ACTION

6. **PUBLIC INPUT SESSION - APRIL 17, 2008 AT 6:30 P.M.**
 - Presentation
 - Format - Public Input/Question and Answer
7. **SITE VISIT - APRIL 11, 2008**
 - Transportation

COMMITTEE MEMBERS

Councillor Joscelyne Landry-Altmann, Chair
Councillor Joe Cimino

Allison Muckle
Ron Norton
Paul Sajatovic
Bill Battison

Ghislaine Goudreau
Liette Vasseur
Inspector Todd Zimmerman, GS Police Service

DISTRIBUTION LIST

Mayor and Councillors
Senior Management Team
Franco Mariotti
Donald Donaldson
Bill Lautenbach

Shelley Westhaver
Robert Falcioni
Carolyn Dawe

Angie Haché
City Clerk

Franca Bortolussi
Council Secretary

THE THIRD MEETING OF THE JUNCTION CREEK SAFETY COMMITTEE

Committee Room C-12
Tom Davies Square

February 7, 2008
Commencement: 4:08 p.m.

COUNCILLOR LANDRY-ALTMANN IN THE CHAIR

Present

Councillor Cimino

Allison Muckle, Junction Creek Stewardship Committee;
Liette Vasseur, Nickel District Conservation Authority;
Paul Sajatovic, Nickel District Conservation Authority;
Ron Norton, Drainage Engineer; Ghislaine Goudreau, Sudbury
and District Health Unit; Fern Bourque, Greater Sudbury Fire
Service; Eric Sanderson, Greater Sudbury Police Service

Staff

Franca Bortolussi, Council Secretary; Angie Haché, City Clerk

Declarations of Pecuniary Interest

None declared.

MINUTES

Junction Creek
Safety Committee
January 10, 2008

2008-2 Cimino: That Report #2, Junction Creek Safety Committee
Minutes of January 10, 2008, be received.

CARRIED

Information Documentation

The Chair provided the Committee with the following information
documentation:

- ▶ Lifesaving Society *Swim to Survive* Information Kit;
- ▶ Canadian Red Cross bulletin regarding drowning
information and prevention methods;
- ▶ List of Water and Ice Safety Resources from the Grades 5
& 6 Level of the Risk Watch Program.

The Chair stated that none of the documentation deals with
fast/swift water or creek bottoms.

Risk Watch Program

Fern Bourque, Director of Fire Prevention and Education with
Greater Sudbury Fire Service, advised he grew up along Junction
Creek and relayed some of his experiences with the Creek as a
child. He provided information regarding the Risk Watch
Program. He advised it was developed by the National Fire
Prevention Association in Boston which is a program for children
from Kindergarten to Grade 8. The program has been adopted by
the Sudbury & District Health Unit and Greater Sudbury Police
Service. He advised that the program started approximately ten

Risk Watch Program
(continued)

years ago and has been introduced to every school in Greater Sudbury. Three years ago, Ontario spearheaded an update to the Risk Watch Program. He stated that the program encourages additional enhancements to meet the specific needs of the community.

Councillor Cimino suggested that the Committee work on the release of a brochure to distribute throughout the community and then work on an enhancement to the Work Watch Program.

Recess

At 4:45 p.m. the Committee recessed in order to meet as sub-committees.

Reconvene

At 5:30 p.m. the Committee reconvened.

Next Meeting Date

The Committee agreed the next meeting date would be March 27, 2008 at 4:00 p.m.

Adjournment

The meeting adjourned at 5:35 p.m.

ANGIE HACHE, CITY CLERK

COUNCILLOR LANDRY-ALTMANN

JUNCTION CREEK SAFETY COMMITTEE
MINUTES OF COMMUNICATIONS/EDUCATION SUB-COMMITTEE

Thursday, January 10th, 2008
Commencement: 5:05 p.m.

Committee Room C-2
Tom Davies Square

Present: Councillor Cimino
Allison Muckle, Coordinator, Junction Creek Stewardship Committee
Ghislaine Goudreau, Sudbury & District Health Unit
Franca Bortolussi, Council Secretary

The following components of the Terms of Reference were referred to the Communications/ Education Sub-Committee:

- Develop public education campaigns and awareness materials which promote water safety near bodies of water including interactive displays, pamphlets and swift water demonstrations
- Develop a communication strategy which targets schools and homes in localities near water bodies
- Encourage agencies to deliver joint safety messages and programs
- Hold public consultation session(s) in affected area(s) to gain input from citizens to assist in short and long term measures

The Sub-Committee Members decided:

- To collect factual information as to what children and parents are being told
- To gather information (including topographical maps, if available) to learn more about creeks in order to create information material
- To check to see if any studies make mention of creek bottoms as different areas have different sediment (Allison Muckle advised that two interns will be monitoring the fish in the creek and perhaps they can look at the creek bottom)
- To gather data on how many people died in the creek, how it happened and develop safety tips, perhaps ten

The Sub-Committee Members agreed to take the following steps:

1. Decide what information will be provided (i.e. creek safety tips);
2. Decide how the information will be provided (i.e. kits, message such as 'It's beautiful but you have to respect it');
3. Create an information sheet of relevant contacts (who to call; what each party's responsibility is) including telephone number;
4. Make final recommendations.

The Sub-Committee adjourned at 5:45 p.m.

**JUNCTION CREEK SAFETY COMMITTEE
MINUTES OF COMMUNICATIONS/EDUCATION SUB-COMMITTEE**

Thursday, February 7th, 2008
Commencement: 4:45 p.m.

Committee Room C-12
Tom Davies Square

Present: Councillor Cimino
Allison Muckle, Coordinator, Junction Creek Stewardship Committee
Ghislaine Goudreau, Sudbury & District Health Unit
Franca Bortolussi, Council Secretary

The Sub-committee Members agreed that the brochures should include:

- a map of the creek showing:
 - dams
 - trails along the creek
 - problem areas
 - five most visible areas which residents can identify
- pictures
- facts
- specifics as to what make a creek different from other water bodies but also include generalities to all water bodies
- hazard times
 - what can happen
 - concerns
- information on the Committee (i.e. approval by City Council, creation of Sub-committees, timelines)

The Sub-committee agreed that an enhancement should be created to the Risk Watch Program dealing with creek safety at a level which would be most effective.

Ghislaine Goudreau suggested that creek safety could be covered at the Children's Water Festival; however, it would have to include an activity station. She provided the Sub-committee members with a list of newspaper articles she obtained from the Library regarding Junction Creek and indicated she will look at articles which may be of interest to the Committee.

The Sub-Committee adjourned at 5:35 p.m.

Junction Creek Safety Committee
Minutes of the Infrastructure Sub-Committee

Thursday, January 10, 2008
Commencement: 5:05 p.m.

Committee Room C-2
Tom Davies Square

Members Paul Sajatovic, Nickel District Conservation Authority
 Liette Vasseur, Nickel District Conservation Authority
 Ron Norton, Drainage Engineer
 Angie Hache, City Clerk

The following components of the Terms of Reference were referred to the Infrastructure Sub-Committee:

- Review infrastructure criteria including safety grates at water crossings, storm drainage inputs and examine potential safety measures along the route of the creek such as landscaping, buffer areas, fencing, signage and water course restoration.
- Explore associated problems such as the effect of new development on existing water bodies.
- Explore actual and future climate warming effects on existing water bodies.

Sub-Committee Members agreed to provide the following information:

1. Land Reclamation work done along Junction Creek (Paul)
2. Feedback on Infrastructure Survey (Lessons learned from other cities.) (Paul)
3. Effects of climate warming on existing water bodies (Liette)
4. Two flood control dams – outflows (Paul)
5. Installation of safety nets or cables (Ron)
6. Pressure breakaway system (Ron)
7. Historical perspective (going back to the 1950s and 1960s versus what we currently have)
8. Aerial photography (maps) showing key aspects and how they fit together (Paul)

Paul to provide to Rescue Sub-Committee information on emergency access grates.

The Sub-Committee adjourned at 5:45 p.m.

Junction Creek Safety Committee
Minutes of the Infrastructure Sub-Committee

Thursday, February 7, 2008
Commencement: 4:45 p.m.

Committee Room C-12
Tom Davies Square

Members Paul Sajatovic, Nickel District Conservation Authority
 Liette Vasseur, Nickel District Conservation Authority
 Ron Norton, Drainage Engineer
 Angie Hache, City Clerk

Sub-Committee Members provided the following information:

1. Land Reclamation done along Junction Creek from 1975 to 2005 (grassing and tree planting). The Sub-Committee noted that run-off has been reduced into Junction Creek because of the land reclamation work.
2. Feedback on Infrastructure Survey (Lessons learned from other cities.) The Sub-Committee noted that most municipalities do not install grates.
3. Aerial photos of Nolin Creek for 1956, 2000 and 2003. It was noted that they will also be doing aerial photos of Junction Creek.
4. Two flood control dams - outflows
5. Pressure Breakway systems
6. Installation of safety nets or cables

The Sub-Committee also indicated that urban storm flooding events such as flash floods, freezing rains, etc. not related to the spring run-off, may become more extensive and severe. If this occurs, it may cause more challenge on the municipal infrastructure and perhaps planning for such events should be considered.

The Drainage Engineer will obtain information on early warning systems for flooding - see what type of systems exist and if they would be useful.

It was also suggested that erosion on Junction Creek, from New Sudbury to Regent Street, be examined.

The Sub-Committee adjourned at 5:30 p.m.

**JUNCTION CREEK SAFETY COMMITTEE
MINUTES OF SAFETY/RESCUE SUB-COMMITTEE**

Thursday, January 10th, 2008
Commencement: 5:05 p.m.

Committee Room C-2
Tom Davies Square

Present: Councillor Joscelyne Landry-Altmann
Bill Battison, Fire Services

- Identify the rescue agencies \ programs and recommendations: identify the rescue agencies that can directly and indirectly affect the rescue effort in a direct \ indirect role
- Develop programs to interact and practice with other agencies; i.e. Police Services, Emergency Medical Services
- Review capabilities versus risks

The Sudbury Fire Service is the only agency in Sudbury trained and equipped to do this type of work. Please note that the Fire service cannot work under the water and/or ice.

Other City Services, Police, Fire, EMS, Emergency Management and Public Works often work together in various supporting roles, dependant on the situation.

Support:

- MNR
 - YMCA
 - NDCA - contact for fire services rescue – information either by code or exact language to describe situation – perhaps an intensity meter e.g. code red, blue or orange
-
- idea: the lifeguards have color flags.
 - advisory protocols advising of situations

Relationships with outside agencies have been established. For example: the Red Cross can provide victim and family support etc.

Recommendation:

- ideas: more secure footing edge
 - teach-education program
 - film rescue
 - signage along creek much like the swim advisory signs...especially along creeks in urban or traffic (trails) settings

Strongest focus should be on education and prevention programs. Any physical changes at or around the numerous water bodies within our city needs to be approached very cautiously.

The Sub-Committee adjourned at 5:45 p.m.

**Junction Creek Safety Committee
Minutes – February 7th, 2008**

Safety –Rescue Members:

Chief Fern Bourque – Fire Prevention
Eric Sanderson – Greater Sudbury Police Service
Joscelyne Landry-Altmann, Councillor – Chair

Points Discussed

- **fire fighters need to swim**
- **operating procedure**
- waterways – familiarization
- impingement – escape routes
- have been reequipped for circumstances
- tweaked what programs we have
- tweaked calculated risk
- no baseline for agencies – tweaked as well
- first ones there
- no diving time - cost is prohibitive
- have bought boats, pontoon boats compounded by health and safety
- media – should stay away
- time issue
- access point –non existent along the creek
- cleaning of the creek eg. Copper cliff
- location/identification of the area- more specific information – info needs to be detailed –communications people should do that.
- weather advisory code – level 1, 2, 3, coordinate with NDCA
 - Level 1- frozen, minimum danger, low water, summer drought
 - Level 2- heavy rain, 2 days or more, normal flow
 - Level 3 – spring thaw, quick melting, warm spring (public awareness needed)
 - Level 4 – general public to know fast water (make school aware, public warning needed)
 - Level 5 – major flooding, road closures and area access (emergency plan enacted)

Infrastructure:

- Level 1- concrete surrounding - ideal concrete floor
- Level 2 – most dangerous: creek abutment
- Avoid 20 degree grade –should be fenced
- Level 3- free access to creek – no control
- cleaning dredge bottom
- Eric - Police: clean garbage from the creek
straighten the concrete.