



CATARAQUI SOURCE PROTECTION COMMITTEE
AGENDA FOR MEETING # 37

Date: Thursday January 20, 2010
 Time: 7:00 PM
 Location: Outdoor Centre, Little Cataraqui Creek Conservation Area
 1641 Perth Road, Kingston

#	Topic	Leader	Time (min)	Action Item?
1	Roll Call and Notice of Proxies	John Williamson, Chair	15	
2	Adoption of the Agenda			
3	Declarations of Conflict of Interest			
4	Approval of Previous Meeting Minutes from December 9, 2010 (attached)			
5	Business Arising			
6	Delegations			
7	Correspondence (attached)	Rob McRae, Project Manager	5	
(a)	Letter from Ian R. Smith, Director, Source Protection Programs Branch, Ontario Ministry of the Environment, to Chair John C. Williamson and Rob McRae, regarding the updated assessment report, dated December 20, 2010.			
8	<u>Business/Reports</u>			
(a)	Updated Assessment Report for 2011			
(i)	Timeline for an Updated Assessment Report (report attached)	Rob McRae, Project Manager	15	Y
(ii)	Proposed Addition: Sydenham Tier 3 Water Budget	Sean Watt, Water Resources Engineer	15	Y
(iii)	Proposed Improvement: Lansdowne Wellhead Protection Area Study Phase '3' / Tier 2 Water Budget (report attached)	Sean Watt, Water Resources Engineer	15	Y

#	Topic	Leader	Time (min)	Action Item?	
(iv)	Proposed Addition: Knowledge Related to Conditions	Rob McRae, Project Manager	10	Y	
(v)	Proposed Improvement: Enumeration of Significant Activities in Intake Protection Zones and Wellhead Protection Areas (report attached)	Kimberly Denison, Resource Technician	15	Y	
<p><i>At the break, the SP Committee members will be invited to sign up for the upcoming policy roundtables. It is anticipated that up to 3 members (plus the Chair) will participate at each of the 12 events.</i></p>					
(b) Source Protection Plan Development					
(i)	Update on Source Protection Plan Development	Rob McRae, Project Manager	15		
(c) Other					
(i)	Updates from the Chairs' Meeting January 17 – 18, 2011	John C. Williamson, Chair	10		
9	Sector Updates from the Committee	John Williamson, Chair	10		
10	Announcements or Inquiries		John Williamson, Chair	10	
(a)	Stewardship Funding to the Cataraqui Region Conservation Authority – Ontario Drinking Water Stewardship Program (Early Response)				
(b)	2011 Calendar – Cataraqui Drinking Water Source Protection (draft attached)				
11	Motions or Notices of Motion			5	
12	Questions from the Media				
13	IN CAMERA Session (if required)				
14	Next meeting – February 10, 2011				
15	Adjournment				

Please inform Donna Cellini at (613) 546-4228 ext. 248 or via e-mail at dcellini@cataraquieregion.on.ca if you will not be able to attend the meeting.

Delegations wishing to speak to the Source Protection Committee are asked to contact Rob McRae, Project Manager at (613) 546-4228 ext. 224 or via e-mail at robmcrae@cataraquieregion.on.ca.

THE CATARAQUI SOURCE PROTECTION COMMITTEE
MINUTES OF MEETING # 36

Thursday December 9, 7:00 PM

General Purpose Room, Outdoor Centre
Little Cataraqui Creek Conservation Area, Kingston

Present:	John C. Williamson, Chair	Richard Bresee	John Conley
	Rob Cumming	Gary Davison	Scott Ewart
	Joan Green	Jacques Labelle	Kathleen Laird
	Wendy Lavender	Richard Lindgren	Chris Mangan-Greene
	Nona Mariotti	Allan McPhail	Alex Palilionis
	Jeff Peters	Peter Raabe	Kevin Riley
	Kim Sytsma		

Regrets: none

Staff Present: Donna Cellini, Project Secretary
Kimberly Denison, Resource Technician
Holly Evans, Water Quality Specialist
Steve Knechtel, General Manager/Secretary-Treasurer
Rob McRae, Project Manager, Source Water Protection
Christine Woods, Source Protection Planner

Guests: There were none

At 7:08 P.M. Chair John C. Williamson called the Source Protection Committee (SP Committee) meeting to order. He expressed appreciation to Chris Mangan-Greene and Nona Mariotti for preparing a festive holiday meal for the SP Committee members and participating Conservation Authority staff.

1) Roll Call and Mileage

There were 15 voting members present.

2) Adoption of Agenda

Moved by: Kim Sytsma
Seconded by: Gary Davison

THAT the Cataraqui Source Protection Committee members adopt the meeting agenda as distributed.

Carried

3) Declarations of Conflict of Interest

There were none.

4) Approval of Cataraqui Source Protection Committee Minutes

- a) Approval of November 18, 2010 Cataraqui Region Source Protection Committee Minutes

Moved by: Nona Mariotti
Seconded by: Chris Mangan-Greene

THAT the minutes of the November 18, 2010 meeting of the Cataraqui Source Protection Committee be approved as circulated.

Carried

5) Business Arising

Project Manager Rob McRae answered a question posed at an earlier SP Committee meeting regarding the relationship between stewardship funding and the significant drinking water threats. Mr. McRae advised the members that of the 22 projects the Ontario Drinking Water Stewardship Program had helped fund to-date only two had addressed an existing significant drinking water treat.

6) Delegations

There were none.

7) Correspondence

- a) Letter from Ian Smith, Director, Source Protection Programs Branch, Ontario Ministry of the Environment, to Rob McRae, Project Manager, regarding the transportation of chemicals along corridors as a local drinking water threat, dated November 19, 2010.

Rob McRae advised the members that further clarification to this letter will be forthcoming. The outcome and timing of the letter might impact the updated assessment report and therefore the committee will have to wait for this letter and determine how it impacts the updated assessment report.

- b) Letter from Janet Stavinga, Chair, and Sommer Casgrain-Robertson, Co-Project Manager, Mississippi-Rideau Source Protection Region, to Chair John C. Williamson (et al), regarding the posting of Proposed Assessment Reports for the Mississippi-Rideau Source Protection Region, dated November 30, 2010.

Chair John Williamson advised the members that the Mississippi-Rideau Source Protection Region's Proposed Assessment Reports are on their website for review.

8) Business/Reports

- a) Source Protection Plan Development
- i. Initial Evaluation of Source Protection Policy Tools for each Drinking Water Threat Type, Holly Evans, Water Quality Specialist

Holly Evans and Source Protection Planner Christine Woods indicated that their report and presentation summarize five months of research. The content reflects feedback from the members at the working group foundation meetings that were held in August, September, October and November of 2010.

The staff indicated that the ideas were still very general in nature and the policies themselves would still need to be evaluated and refined. They also reminded the members that although the *Clean Water Act*, 2006, only requires the source protection committee to address significant drinking water threats that the SP Committee has decided to also address moderate and low threats.

Ms. Evans proceeded with her presentation and asked the SP Committee to discuss a series of questions as she proceeded. The responses from the SP Committee will guide the Conservation Authority staff as they proceed to draft policy ideas for each vulnerable area. Some of the key outcomes from the discussion included:

- An overall assumption was made, for the purpose of the *initial* discussion of policy options, that funding for implementation activities will be available through senior governments, cost-recovery, or other means. It was noted that municipal utilities could charge a nominal source protection levy on their water bills, provided that the funds were allocated to relevant projects in the same area.
 - The business and industry grouping (for education and outreach programs) should be divided into two separate categories and another grouping titled GUSH (all levels of government, universities, schools, hospitals) should be added, resulting in a total of six groupings.
 - It was suggested that a person be hired, perhaps through the Conservation Authority, to build, implement, and monitor the various education and outreach program(s) to make sure the objectives of the source protection policy is met. It was also suggested that the municipalities could help provide funding for this person.
 - The SP Committee indicated that it would need to evaluate individual situations before deciding to prohibit an existing activity (i.e. where risk management plans won't work). The policy could be that an existing activity is prohibited *unless* a risk management plan is prepared and implemented within x months.
- ii. Key Drinking Water Threats for Discussion at Each Policy Roundtable, Christine Woods, Source Protection Planner

Christine Woods reviewed the key drinking water threats that will be used as discussion points during the roundtable process. They include all key topics and the highest level of risk for each of the vulnerable areas. With the assistance of the members the lists of topics were expanded for the Brockville and James W. King (Gananoque) intake protection zones.

Resolution CSPC 29-10

Moved by: Richard Bresee
Seconded by: Nona Mariotti

BE IT RESOLVED THAT the Cataraqui Source Protection Committee proceed with the key drinking water threats for discussion at each of the policy roundtables as set out in the report of the Water Quality Specialist and Source Protection Planner (dated December 2, 2010) and also as discussed by the SP Committee at the December 9, 2010 meeting.

Carried

- iii. Status of Source Protection Plan Development – Eastern Ontario Source Protection Areas/Regions, Rob McRae, Project Manager

Mr. McRae updated the members on the development of a source protection plan. He indicated that the adjacent source protection regions are sharing their ideas regarding their local planning processes; this sharing continues to be helpful. It appears that each of the four adjacent regions in eastern Ontario will be using a topic-based approach, owing to the greater number of existing significant drinking water threats in those regions. The Cataraqui may therefore be unique (around the east) in following a location-based approach, with consultation and policies specific to each vulnerable area.

The members then asked about the status of the letters that will notify certain landowners (with existing significant drinking water threats) about the preparation of a source protection plan. Mr. McRae indicated that the letters would be signed by the Chair and circulated in January 2011. He promised to share a copy of the generic letter (and associated notice) (as endorsed at the November 2010 meeting) with the members.

- b) Updated Assessment Report for 2011

- i. Proposed Addition: Local (Non-Prescribed) Drinking Water Threats, Kimberly Denison, Resource Technician

Ms. Denison presented the improved transportation corridor (transport of chemicals) identification for the updated report. Among other changes, the maps in Volume II will show more details of the key corridors. She advised the members that these improvements will be reflected in the Updated Assessment Report.

She also advised the members that conditioning salt for the use of softening drinking water will be added to the Updated Assessment Report but not the use of salts for use in swimming pools. This is based on the scope of the provincial approval. It will be assumed that water softeners are pervasive in all vulnerable areas.

These inclusions require changes to the text in Chapters 4, 5, and 6 of Volume I of the Assessment Report as well as refining the maps in Volume II and adding the Ministry response letters and updating the appendices in Volume III.

- ii. Status of Updated Assessment Report, Rob McRae, Project Manager

Mr. McRae indicated that the Updated Assessment Report was generally moving along well and that things were on-target for the submission due date of June 2011. He indicated that over the next couple months, staff will advise whether the draft version of the update should be published in February or March 2011; the SP Committee members will be able to evaluate the progress and make this decision at their January 20th meeting.

9) Sector Updates from the Committee

There were none.

10) Announcements or Inquiries

- a) Kim Sytsma indicated that the Ontario Farm Environment Coalition is interested in obtaining the number of farms in each source protection area/region with a vulnerability score of 8 or higher.

- b) Chair John Williamson advised the members that there is house of the future being modeled in Kingston. It is called Harvest House and very “green”, since it includes advanced wastewater management and geothermal energy systems.

11) Motions/Notice of Motion

There were none.

12) Opportunity for Questions from the Media

There were no questions.

13) IN CAMERA Session

This was not required.

14) Next Meeting

Next meeting of the SP Committee: January 20, 2011
7:00 PM Regular Meeting
General Purpose Room, Outdoor Centre
Little Cataraqui Creek Conservation Area, Kingston

15) Adjournment

The meeting adjourned at 9:45 P.M. on a motion by Gary Davison.

John C. Williamson, Chair

Rob McRae, Project Manager

Ministry of
the Environment

Source Protection Programs
Branch

14th Floor
40 St. Clair Ave. West
Toronto ON M4V 1M2

Ministère de
l'Environnement

Direction des programmes de protection
des sources

14^e étage
40, avenue St. Clair Ouest
Toronto (Ontario) M4V 1M2



Log: ENV1174IT-2010-266

December 20, 2010

Mr. John Williamson & Mr. Rob McRae
Chair, Cataraqui Source Protection Area
c/o Cataraqui Region Source Protection Authority
Box 160, 1641 Perth Road,
Glenburnie, ON K0H 1S0

Re: Cataraqui Source Protection Area Updated Workplan

Dear John and Rob:

Thank you for the submission of your Updated Assessment Report (UAR) workplan received by the ministry on September 16, 2010 for the Cataraqui Source Protection Authority (SPA).

The proposed Cataraqui Assessment Report (AR) was received by the ministry on September 28, 2010 and is currently under Director review for a decision.

This letter confirms the receipt of your UAR workplan and provides additional information relating to the project tasks identified in your workplan and the consultation requirements of the new/updated AR information.

As a reminder there are two ways in which an UAR can be completed:

- 1) through an UAR under section 19 of the Clean Water Act (CWA), 2006 following Director approval of an AR; or
- 2) through an amended proposed AR under section 17(2) (b) of the CWA, 2006, by which the Director provides directions to include the new/updated information in an amended proposed AR.

The Director's decision on the submitted Cataraqui proposed AR will determine which route the new/updated information will be incorporated into the AR (i.e. either through the UAR under section 19, CWA or an amended proposed AR under section 17(2)(b), CWA). The decision letter I provide on the review of the submitted proposed AR will indicate this.

Generally speaking, if your proposed AR is approved, then it is likely that your new/updated work will be completed through section 19, CWA as an UAR. If your AR is returned for amendments as a result of the review of the submitted proposed AR, I may also advise you to incorporate the new/updated tasks and resubmit the AR as an amended proposed AR since other amendments are required. Please note that despite the general statement included above, at any point, the ministry may decide that one route over the other should be taken in the interest of resource efficiencies and timing.

The workplan submitted for the Cataraqui Source Protection Area UAR has identified the following list of project tasks proposed to be completed. These tasks have been categorized under the following headings – updated tasks, amended tasks and out-of-scope tasks, which are defined below:

Updated Tasks – new tasks not yet completed or consulted upon:

- Sydenham Tier 3 Water Budget;
- IPZ-3 Delineation for Eastern Lake Ontario – Upper St. Lawrence River; and
- Joyceville & Pittsburgh Institutions IPZ study.

Amended Tasks – tasks partially or wholly contained in the proposed AR where the proposal is to change or update this information:

- Update IPZ-2 Delineation for Eastern Lake Ontario – Upper St. Lawrence River; and
- Landsdowne WHPA study.

Out-of-Scope Tasks – tasks that are not eligible or are not considered to be an efficient use of time and resources for this round of planning:

- Livestock density; and
- Enumerate various drinking water threats and conditions work.

All of the above updated/amended project tasks are within scope of the AR and may proceed to be included in the UAR/amended proposed AR except for the tasks identified under the out-of-scope category. An explanation of the out of scope work is provided below. This letter is not acknowledging or approving methodologies or approaches that may have been presented in the UAR workplan submitted to the ministry. All project tasks identified in the UAR

workplan must be completed following methodologies or approaches that are consistent with the technical rules unless an alternative method or approach approval has been granted.

The livestock density work is considered to be out-of-scope since site visits are not considered to be a part of the work required to complete this project task at this time. Please contact your Liaison Officer if you have any questions/concerns about this specific task.

You UAR workplan also includes work associated with enumerating various drinking water threats. I want to remind you that if this work entails conducting site visits to re-evaluate/verify the number of significant drinking water threats (SDWTs) then it is out of scope for the UAR/amended proposed AR as this information will/can be verified when the plans are being developed. Conducting site visits at this time for the completion of the UAR/amended proposed AR is not considered to be an efficient use of resources and it is advised that any planned work associated with site visits to verify threats does not occur at this time. It is understood that the SPCs have consulted with affected parties when significant threats were identified during the AR development and if additional information has been gathered as a result of this consultation, this new information can be incorporated into an AR if the report is already being amended or updated.

The actual number of SDWTs in the AR is a continuously changing number and in the interest of an efficient use of resources the threat enumeration in the AR can be observed as a benchmark for SPCs to know their approximate workload in policy development. Additionally the policies in the plan will most likely be developed on an area basis (i.e., WHPA A, etc.) rather than individual parcels/properties. Therefore, to have an exact number of existing SDWTs enumerated in the AR does not accurately reflect the number of policies in the plan that will be written or required.

Ontario Regulation (O.Reg.) 287/07 section 19 requires that when the SPC begins preparing the source protection plan for a source protection area, the committee shall give notice to various stakeholders, including those engaged in activities that are SDWTs. Furthermore, sections 35 to 39 of O.Reg. 287/07 require that discussions with persons impacted by draft policies, including those undertaking activities identified as SDWTs, occur during the source protection plan policy development process before the draft plan is published for initial public comment. This could provide the SPCs the opportunity to gather additional information about the details of the presence or absence of these SDWTs. Since this work is associated with the policy development process it is not a priority to be completed or updated for the AR at this time. If SPC/SPA comes across

additional SDWTs as they are completing their existing AR work, this information can be included in the AR; however additional consultation will be required with those new landowners who have been identified as undertaking a SDWT. If this particular task applies to your SPC/SPA and will impact your timelines to submit your UAR/amended proposed AR, notify your Liaison Officer in order to determine how this may be included in the AR or in the next round of planning.

With regards to task associated with conditions, the ministry does not expect the SPC/SPAs to conduct a study to identify conditions. Conditions were included under the CWA to provide a mechanism to identify sites of known contamination. Therefore, it is not necessary to undertake the proposed work to identify conditions the SPC is not aware of or the public has not identified to the SPC.

It is my understanding that the technical work associated with the Joyceville / Pittsburgh institutional surface water intake may be added to the UAR/amended proposed AR, pending on the interest of Correctional Services Canada (CSC). Once a commitment is made by CSC, a provincial Minister's order can be initiated to amend the Terms of Reference (ToR) to add the Federal drinking water system into the Provincial source protection planning process. As a reminder, please note that the amended ToR has to be approved prior to my ability to approve the AR. I encourage the SPC/SPA to review the legislative requirements associated with the consultation requirements for amended ToRs, as per section 10 of Ontario Regulation (O.Reg. 287/07), which must be completed prior to the submission of the amended ToR.

The tasks that are listed as updated/amended above are within the scope of the UAR/amended proposed AR and are eligible expenditures under your transfer payment allocation. As part of the annual business plan review, the ministry will be assessing the work plans and requests for funds to undertake this work against the funds available. Please note that the direction in this letter does not consider the availability of program funds to complete the tasks rather whether the tasks are within scope. The province also reserves the right to verify and to recover transfer payment funds if it is determined that program funds were not used, or will not be used, for the intended purposes.

As a reminder, the consultation requirements are outlined in section 18 under O. Reg. 287/07, and must be completed for the updated tasks. For the amended tasks, the SPC/SPA must determine the appropriate extent of consultation required (i.e., letters to stakeholders, posting AR to internet, newspaper notices and/or public meetings) based on the changes that they impose on the AR.

The workplan for the Cataraqui Source Protection Area UAR has proposed a two month consultation period, which is considered to be slightly excessive. Please

consider scaling back the length of this consultation period to be more consistent with section 18 of O.Reg 287/07.

Based on the UAR workplan submitted, the technical work will be completed by December 31, 2010 for the Cataraqui SPA. The UAR workplan has identified a May or June 2011 submission to the ministry. Since the consultation period is considered excessive, a scaled back consultation period should allow for an earlier submission date. My decision letter will state the actual submission date and the additional directions regarding the submission format of the work associated with the UAR/amended proposed AR. Your Liaison Officer may be in contact with you prior to the receipt of my decision letter to discuss any necessary details, (including the submission date) pertaining to the above.

I recommend at this time that the updated/amended tasks contained in the submitted UAR workplan and identified as eligible proceed according to the timelines presented. If additional tasks arise that the SPC/SPA wants to include as new/updated information and/or if there are delays that will occur that will result in deviations from the timelines in the workplan submitted, please notify your Liaison Officer immediately. If the delays are significant, it is important for the SPC/SPA to know that the updated tasks may not be accepted by the ministry for review for this round of source protection planning, and that the amended AR may have to be submitted without all of the new work in order to get approval in support of the Plan. Extensions to UAR/amended proposed AR submissions will not generally be considered due to the extremely tight timelines that exist between now and the due date of the source protection plans by August 20, 2012.

I appreciate the amount of hard work the Cataraqui SPC and SPA have done for their AR and I anticipate that this high level of effort will continue in order to complete the UAR work for the Cataraqui SPA and source protection plans by August 20, 2012.

I assure you that the ministry will continue to support Source Protection Committees and Authorities in achieving their compliance dates, whenever possible. I look forward to receiving your UAR/amended proposed AR.

Sincerely,



Ian Smith, Director
Source Protection Programs Branch

Ministry of the Environment

- c: Bob Morrison, Chair, Cataraqui Region Conservation Authority
Steve Knechtel, General Manager/ Secretary Treasurer, Cataraqui Region Conservation Authority
Charely Worte, Conservation Ontario
Mike Garraway, Ministry of Natural Resources
Charlene Vantigham, Ministry of Natural Resources
Keith Willson, Manager, Source Protection Approvals, MOE
Wendy Lavender, Liaison Officer, Source Protection Implementation, MOE
Katie Fairman, Supervisor, Source Protection Implementation, MOE
Heather Malcolmson, Manager, Source Protection Planning, MOE
Melanie Ward, Compliance Team Lead, Source Protection Approvals, MOE
Andrea Pearlstone, Program Analyst, Source Protection Approvals, MOE
Tu Van Duong, Partnership and Program Coordinator, Source Protection Planning, MOE

THE CATARAQUI SOURCE PROTECTION COMMITTEE

REPORT

To: Cataraqui Source Protection Committee

Files: SPP 4-0, 6

From: Rob McRae, Project Manager, Source Water Protection

Date: January 13, 2011

RE: TIMELINE FOR AN UPDATED ASSESSMENT REPORT

This staff report seeks direction from the Cataraqui Source Protection Committee (“SP Committee”) regarding the timing of an updated assessment report for the Cataraqui area.

Background

The SP Committee, Cataraqui Region Conservation Authority staff team, and partners have decided that an updated assessment report should be submitted to the Ontario Ministry of the Environment under Section 19 of the Ontario *Clean Water Act, 2006*. A work plan for the update was submitted to the Ministry in September 2010. A response was issued by the Ministry on December 20th (please refer to correspondence Item 7(a)).

Discussion: Ministry Letter

There are four notable aspects to the Ministry’s response:

- (1) Our work to improve knowledge of livestock density and drinking water threats (activities, conditions) is declared “out-of-scope” for project management reasons (n.b. these tasks are nearly complete);
- (2) The duration of the planned consultation is deemed “slightly excessive” (this comment likely arose from a misinterpretation of the submitted Gantt chart, which was intended to show only the minimum required 30 day consultation period);
- (3) The timing of the anticipated Ministry decision/comments on the Proposed Assessment Report: Cataraqui Source Protection Area (July 2010, submitted September 2010) is unspecified; and
- (4) It is indicated that the due date for our updated report will be set by the Ministry, at an unspecified time (it had earlier been indicated that all source protection areas/regions could submit their updates by June 2011).

Based on the above, I recommend that the SP Committee: (1) continue to advance and share its latest knowledge of livestock density and drinking water threats, (2) continue to plan for a 30 day consultation period, (3) if feasible, reflect the Ministry comments about the July 2010 document in the “draft proposed” version of the update, and (4) consider how to complete and submit the update in an efficient, logical manner, and communicate the resulting timeline to the Director, Source Protection Programs Branch. The balance of this staff report outlines considerations for the timeline.

Discussion: Current Status of Content

While good progress continues to be made on the update, we are not ready to post the document this month, as had been proposed in the above-noted work plan. While the new content is nearly complete, additional time will be needed to add it to the document and complete a comprehensive edit.

The table below lists the status of each content-related item in the work plan:

Topic	SP Committee Agenda Item	Status at January 13, 2011	
Livestock density	October 2010	√	Received by the SP Committee
Sydenham Tier 3 Water Budget	January 2011	IP	To be discussed in January
Lansdowne Wellhead Protection Area	January 2011	IP	To be discussed in January
Drinking water threat enumeration (overall counts)	January 2011	IP	To be discussed in January
Conditioning salt	December 2010	√	Approach discussed with SP Committee
Conditions	October 2010 January 2011	IP	To be discussed in January
Transportation corridors	December 2010	√	Approach discussed with SP Committee
Eastern Lake Ontario – Upper St. Lawrence River Intake Protection Zone 2	November 2010	√	Received by the SP Committee
Eastern Lake Ontario – Upper St. Lawrence River Intake Protection Zone 3	November 2010	√	Received by the SP Committee

Discussion: Consultation

As a reminder, the approved Communications Strategy - Fall 2010 to December 2011 (September 2010) includes provision for the following actions related to the updated assessment report:

- (1) Post the update on the Internet (s. 18(1) of the Ontario Regulation 287/07, as amended);
- (2) Make copies available for public review (s.18(1));
- (3) Publish a notice in local newspapers and elsewhere (s. 18(2));
- (4) Provide a copy of the notice to the local municipalities (s. 18(2));
- (5) Receive comments for a period of at least 30 days (s.18(3)); and
- (6) Host a public open house.

While the public open house is not a provincial requirement, it is recommended as forum in which to invite comment on the updated content, and perhaps as another venue in which to raise awareness of the source protection

initiative. It appears that the SP Committee will need to host this event on a separate evening from its regular business. Staff recommend that the open house be held in Kingston.

Discussion: Timing

Based on the above considerations for content, assembly, editing, and consultation, I recommend that the Cataraqui continue to plan for a May 2011 submission to the Director. While earlier timelines assumed an earlier posting date (i.e. January), they also included some ‘flex’ time that can be condensed.

The following recommended timeline is generally consistent with my report in December:

Month	Milestone / Task
January	Staff finalize the updated content Assessment Report Subcommittee discusses the updated content (27 th)
February	Staff finalize the updated content Staff reflect Ontario Ministry of the Environment comments (if available) Staff circulate a draft proposed version to the SP Committee (say on the 23 rd)
March	SP Committee reviews the draft proposed version (10 th) Staff publish the draft proposed version (22 nd) SP Committee hosts a public open house (say on the 29 th)
April	SP Committee receives comments (to the 21 st) Staff and Assessment Report Subcommittee reflect comments in a proposed version
May	Staff circulate a proposed version to the SP Committee (4 th) SP Committee submit a proposed version to the SP Authority (12 th) SP Authority reviews the proposed version (25 th) SP Authority submits the proposed version to the Ministry (by the 31 st)

Recommendation

BE IT RESOLVED THAT the Cataraqui Source Protection Committee approves the revised timeline for an updated assessment report, as recommended in the report of the Project Manager (dated January 13, 2011);

AND THAT the timeline be communicated to the Cataraqui Source Protection Authority, and the Ontario Ministry of the Environment.

I look forward to discussing the recommended timeline with you at the January meeting.

Respectfully submitted,

(original signed by)

Rob McRae MCIP, RPP
Project Manager, Source Water Protection



CATARAQUI REGION CONSERVATION AUTHORITY

1641 Perth Road, P.O. Box 160 Glenburnie, Ontario K0H 1S0

Phone: (613) 546-4228 Fax: (613) 547-6474

E-mail: crca@cataraquiregion.on.ca Web Site: www.cataraquiregion.on.ca

REPORT

To: Cataraqui Source Protection Committee

File: OPS 29-6
SPP 4-0, SPP 7

From: Sean Watt, P.Eng. Date:
Water Resources Engineer

Jan. 13, 2010

**RE: LANSDOWNE TIER 2 WATER BUDGET/
PHASE 3 WELLHEAD PROTECION AREA STUDY
UPDATE**

This report is an update to information presented at previous Source Protection Committee meetings.

November 29, 2009 Meeting

- draft findings presented (prior to draft report circulation, and peer review), largely oval shaped wellhead protection area (WHPA), stress level of “moderate”. Draft findings received by Committee.

February 11, 2010 Meeting

- draft findings update (draft report had been circulated, and peer review meeting had been held), slight changes to WHPA, stress assessment level of “moderate”, recommendation to move to Tier 3 to further evaluate the system. Draft findings received by Committee.

March 11, 2010 Meeting

- update - no major concerns noted by the peer review of the water budget portion of the report.

Since March, we received comments from the peer reviewer of the WHPA portion of the report. Based on those comments, as well as comments from CRCA staff, and the water budget peer reviewers, a new version of the report was prepared and circulated in December 2010. The major changes for the report are a modification to the WHPA such that it becomes larger and more “egg-shaped” (see attached maps), and the stress assessment level falls to “low” (no progression to Tier 3). The change in WHPA was largely due to a recommended reduction in the “porosity” of the rock, and the change in stress level was due to requirements/considerations from the Ministry of Natural Resources (MNR).

A meeting of the water budget peer review committee was held on December 16, 2010. The water budget portion of the report was presented to them, and various details were discussed.

A meeting of the wellhead protection area technical advisory group was held December 22, 2010. The wellhead protection portion of the report was presented to them, and again various details were discussed.

Comments on the report from both groups are due on January 14th, 2011. In addition to this deadline, a teleconference between CRCA staff, consultant staff, and WHPA peer review staff is planned prior to the Committee meeting, to ensure that all parameters used in the modeling are acceptable, and the WHPA delineation will not need any further modifications. The final result of the water budget portion, a stress level of “low”, will not change.


Given the feedback during the meetings in December, it is expected that only minor revisions to the report will be required. While some text may need to be modified, we do not anticipate the results of the study to change. However, it is not expected that a finalized report will be available in time for submission of the Updated Assessment Report. All water budget reports require sign-off from the MNR, and this process can take some time. This sign-off may not be received prior to the timelines for submission of the Updated Assessment Report.

In order to include the results of this report in the Updated Assessment Report, we suggest that the Committee receive the findings for inclusion in the Updated Assessment Report.

Recommendation

BE IT RESOLVED THAT the Cata raqui Source Protection Committee receives the revised findings of the Lansdowne Phase 3 Wellhead Protection and Tier 2 Water Budget Study, as outlined in the report of the CRCA Water Resources Engineer (dated Jan. 12, 2011), and contained in the above noted study report, for consideration in preparing an updated Cataraqui Assessment Report and the Cataraqui Source Protection Plan.

Respectfully submitted,



Sean Watt, P.Eng.

Attachments: Map #1 - February 2010 Lansdowne WHPA
Map #2 - November 2010 Lansdowne WHPA

Approved for Circulation _____ RM _____

Cataraqui Source Protection Area
Previous Lansdowne Wellhead Protection Area

Map #1

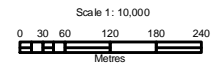
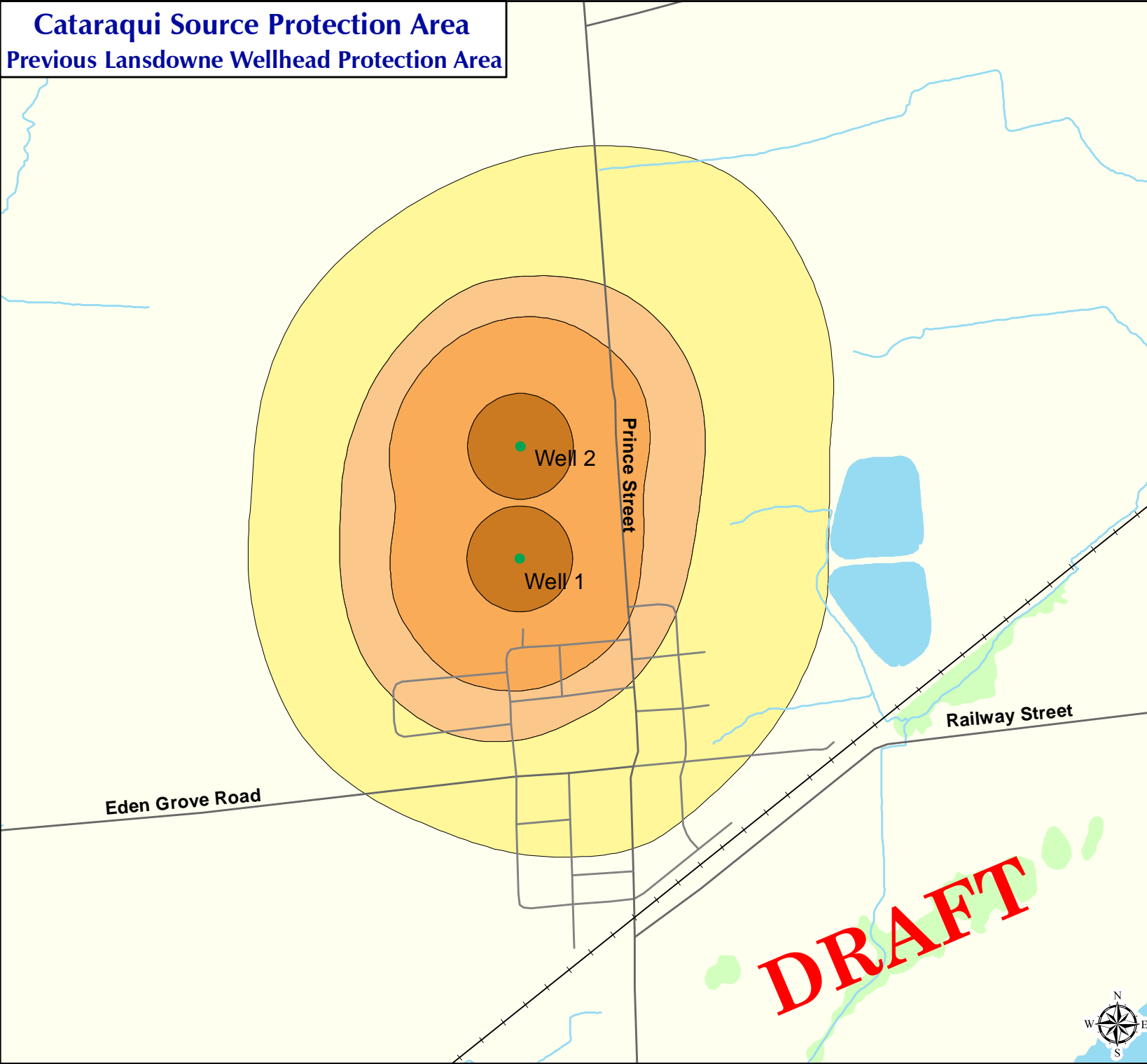


Legend

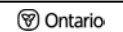
- Well Supply
- Roads
- Watercourses
- Cataraqui Source Protection Area
- Railway
- Wetlands
- Waterbodies

Wellhead Protection Area

- WHPA - A
- WHPA - B
- WHPA - C
- WHPA - D



Scale 1: 10,000
 Universal Transverse Mercator Projection
 North American Datum 83



This map was funded by the Ontario Government and the Ministry of Environment.

Produced by the Cataraqui Region Conservation Authority under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2010. ALL RIGHTS RESERVED.

The CRCA makes every effort to insure that the information presented is accurate for the intended uses of the map. There is an inherent error in all mapping products, and accuracy of the mapping cannot be guaranteed for all possible uses. All end-users must therefore determine for themselves if the information is suitable for their purposes.

GIS Department/Base Data/Source Water/Maps/Staff Maps/Municipal Maps



Cataraqui Source Protection Area
Revised Lansdowne Wellhead Protection Area

Map #2

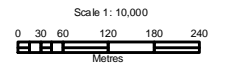
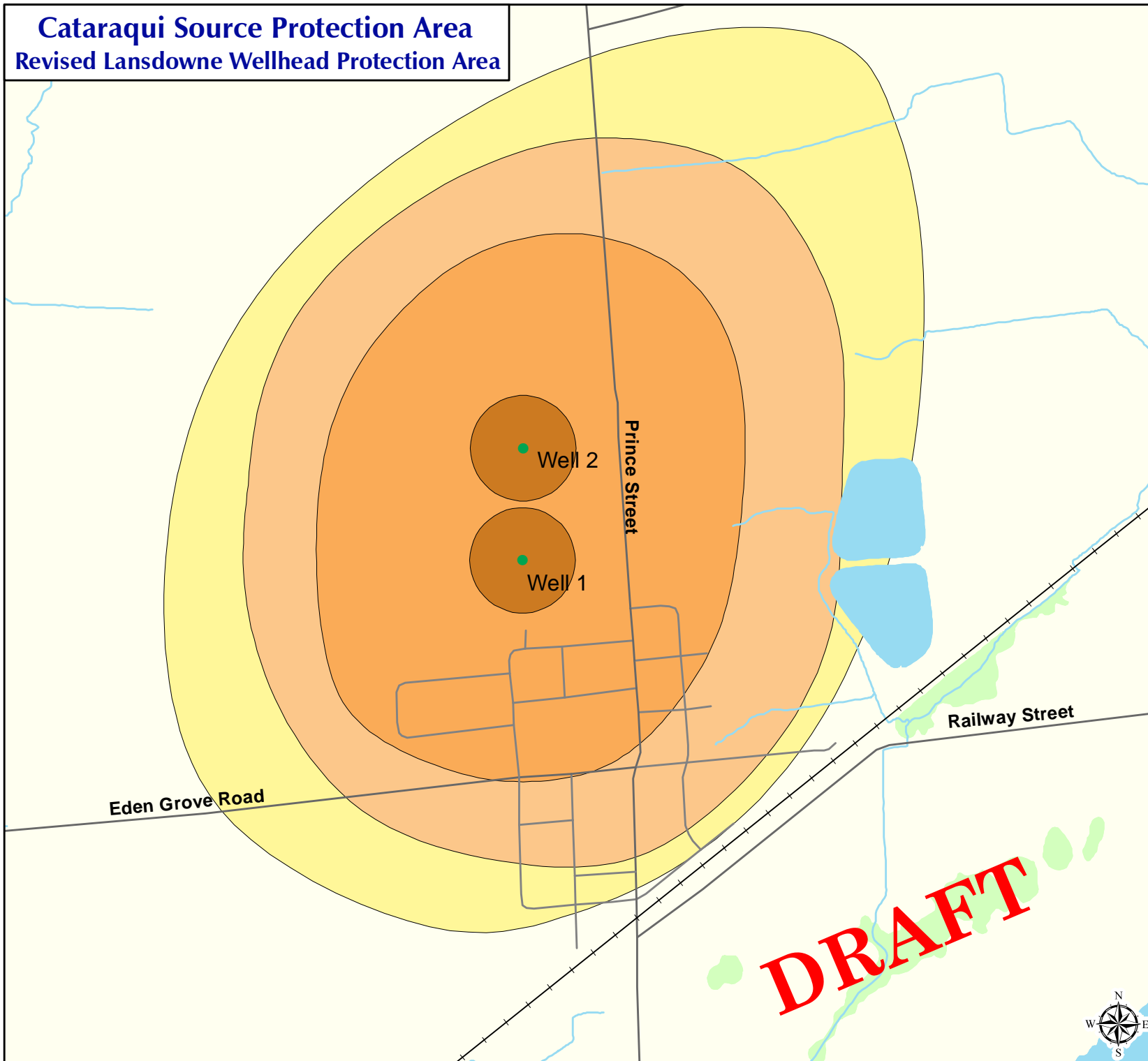


Legend

- Well Supply
- Roads
- Watercourses
- Cataraqui Source Protection Area
- Railway
- Wetlands
- Waterbodies

Wellhead Protection Area

- WHPA - A
- WHPA - B
- WHPA - C
- WHPA - D



Scale 1: 10,000
 Universal Transverse Mercator Projection
 North American Datum 83



This map was funded by the Ontario Government and the Ministry of Environment.

Produced by the Cataraqui Region Conservation Authority under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2010. ALL RIGHTS RESERVED.

The CRA makes every effort to insure that the information presented is accurate for the intended uses of the map. There is an inherent error in all mapping products, and accuracy of the mapping cannot be guaranteed for all possible uses. All end-users must therefore determine for themselves if the information is suitable for their purposes.



THE CATARAQUI SOURCE PROTECTION COMMITTEE

REPORT

To: Cataraqui Source Protection Committee

Files: SPP 4-0, 6-4

From: Kimberly Denison, Resource Technician
Rob McRae, Project Manager, Source Water Protection

Date: January 13, 2011

**RE: PROPOSED IMPROVEMENT - UPDATED ASSESSMENT REPORT
ENUMERATION OF EXISTING SIGNIFICANT DRINKING WATER THREATS (ACTIVITIES)**

This staff report seeks direction from the Cataraqui Source Protection Committee (“SP Committee”) to update its enumeration of existing significant drinking water threats for inclusion in an updated assessment report for the Cataraqui area.

Background

The content requirements for assessment reports require source protection committees to enumerate (i.e. count) the number of existing significant-ranked drinking water threats (activities) that are present in each vulnerable area. In the Cataraqui Source Protection Area, we have also counted moderate and low drinking water threats in the local surface water intake protection zones and wellhead protection areas. The purposes of these estimates are: (1) to provide the SP Committee with the scale of a given threat, and (2) to involve the relevant landowners in the planning process.

The principle technique by which to identify drinking water threats is simply referred to as the “threats approach”. Under this approach, investigators must consult the extensive *Tables of Drinking Water Threats* (Ontario Ministry of the Environment, 2009) and determine which types of activities can rank as significant, moderate, and low threats in a given area of vulnerability scoring. A detailed explanation is outlined in Section 4.3.3 of the *Proposed Assessment Report* (July 2010).

In the Cataraqui Source Protection Area, significant threats can only be identified using the threats approach in the following six vulnerable areas: Cana Wellhead Protection Area, Lansdowne Wellhead Protection Area, Miller Manor Wellhead Protection Area, Brockville Intake Protection Zone, James W. King (Gananoque) Intake Protection Zone, and Sydenham Intake Protection Zone.

Discussion

An initial enumeration was completed for the *Proposed Assessment Report* (July 2010). Cataraqui Region Conservation Authority staff completed the majority of the work; however, the work at Sydenham was completed by XCG Consultants Ltd. of Kingston. The enumeration was conducted between 2006 and 2010 using existing data, aerial photography, watershed surveys, and landowner contact (i.e. letters, telephone discussions, meetings). The overall findings were adopted by the SP Committee in March and April 2010.

The scope of work for an updated assessment report was discussed in spring 2010 and then endorsed at the September meeting. Improvements to the enumeration of existing significant drinking water threats were to be made by Conservation Authority staff, thereby:

- Ensuring that the current (i.e. January 2011) property owners were involved in the assessment / planning process;

- Confirming or correcting assumptions made in the earlier enumeration; and
- Ensuring that current (i.e. January 2011) activities were reflected in the assessment report and source protection plan policies.

The method used for the updated enumeration was a watershed survey and landowner contact (i.e. door-to-door site visits). This provided an opportunity to raise awareness of the broader source protection initiative, notably the upcoming policy roundtable events. Site visits were completed between November 2010 and January 2011 in all of the above-noted locations except Sydenham. The current [draft] values are shown in the table below:

Existing Significant Drinking Water Threats – Cataraqui Source Protection Area¹

Vulnerable Area	Proposed Assessment Report (July 2010)		Current Draft Values (January 2011)	
	Parcels Affected (1 or more activities)	Drinking Water Threats (Activities)	Parcels Affected (1 or more activities)	Drinking Water Threats (Activities)
Brockville Intake Protection Zone	1	3	2	8
James W. King (Gananoque) Intake Protection Zone	3	6	1	4
Sydenham Intake Protection Zone	0	0	0	0
Cana Wellhead Protection Area	14	19	13	18
Lansdowne Wellhead Protection Area ²	9	28	n/a	n/a
Miller Manor Wellhead Protection Area	13	28	14	23
TOTAL	40	84		

1. Excludes the transport of chemicals and conditioning salt, for which specific enumeration values will not be recorded.
2. Final numbers to be provided during the SP Committee meeting.

Staff are confident in the accuracy of the updated enumeration. In our work we found new landowners and new activities, and we corrected assumptions from the earlier enumeration (e.g. confirming the use of electric-based heat rather than oil-based heat at a residence in a wellhead protection area). Some further revision to the enumeration may occur over the next month, in response to the “notice of commencement – source protection plan” letters that were recently distributed. These letters were based on the latest available information; they ask landowners to report changes in their activities, and to further correct our information as necessary.

Recommendation

BE IT RESOLVED THAT the Cataraqui Source Protection Committee receives the updated enumeration of existing significant drinking water threats that is outlined in the report of the Resource Technician and Project Manager (dated January 13, 2011) for consideration in preparing the updated Cataraqui Assessment Report and the Cataraqui Source Protection Plan.

Respectfully submitted,

(original signed by)

Kimberly Denison
Resource Technician

(original signed by)

Rob McRae MCIP, RPP
Project Manager, Source Water Protection



PRIVATE & CONFIDENTIAL

January __, 2011

File: SPP 8-x-x

Name of Recipient
Address Line 1
Address Line 2

Dear _____,

**RE: INVITATION TO PARTICIPATE
_____ INTAKE PROTECTION ZONE / WELLHEAD PROTECTION AREA
CATARAQUI SOURCE PROTECTION PLAN**

Protecting the quality of our drinking water sources is a responsibility that we all share. Across Ontario, local committees are working to prepare source protection plans using existing and new approaches. The work is being supported by conservation authorities and the Province of Ontario under the *Clean Water Act, 2006*. This letter invites your participation in the local planning process.

The Cataraqui Source Protection Committee has started to prepare a source protection plan for our area. The 16-member Committee represents a broad range of municipal, economic, and community interests. The plan will address existing and future threats to the quality of drinking water sources in what are called "vulnerable areas". It will be written locally, published for public review and comment, revised, and then submitted to the Minister of the Environment for approval. More information is included on the attached notice.

Your Property and the Source Protection Plan

You are receiving this invitation because your property is located in an area where the quality of the drinking water source for the [City / Town / Township of _____] is vulnerable to pollution. This area is called the _____ [Intake Protection Zone / Wellhead Protection Area].

Some activities have the potential to harm the quality of our source water unless protection measures are put in place. We understand that the following activities are being undertaken on your property at this time:

- 'A' [specific reference – for example: "handling and storage of organic solvent"];
- 'B'; and
- 'C'.

In accordance with provincial standards, these types of activities are considered significant drinking water threats to the source if they are occurring now, or if they would be undertaken in the future.

(Please let us know if the types of activities being undertaken on your property have changed).

Other activities related to 'D', 'E', and 'F' [generic reference – for example: “waste disposal”] would be considered significant drinking water threats to the source if they were undertaken in the future.

The source protection plan must ensure that existing activities cease to be significant drinking water threats and that future ones do not become significant drinking water threats. It will therefore contain policies that may affect the use of your property.

The Source Protection Planning Process

The Cataraqui Source Protection Committee welcomes your participation in the planning process.

Here are three ways to get involved:

- (1) Contribute your ideas at the roundtable event that will be held to discuss the _____ [Intake Protection Zone / Wellhead Protection Area] on the evening of [month, day, 2011]. If you wish to participate, please register with Donna Cellini at the Cataraqui Region Conservation Authority via (613) 546-4228 ext. 248 or write to: roundtables@cataraquieregion.on.ca (specifying that you are interested in the _____ [Area / Zone]).
- (2) Review draft source protection plan materials that will be posted at www.cleanwatercataraqui.ca;
- (3) Attend one of the public open houses that will be held following the publication of a draft plan in early 2012 (you will automatically receive an invitation to the public open house).

Existing Provincial Approvals and Permits

Some of the existing activities on your property may already be regulated by the Province of Ontario through an approval or permit. If you hold a provincial approval or permit for one or more of the activities listed above, please let us know its title, number, date of issuance, expiry date, and the name of the issuing Ministry or agency. This information will help the Committee to avoid duplicating requirements for activities that are already regulated.

For More Information

We hope that you will be able to participate in the planning process. In the meantime, if you have any questions about the above, please visit www.cleanwatercataraqui.ca or contact [Holly Evans / Christine Woods, Title] at the Cataraqui Region Conservation Authority via:

(613) 546-4228 ext. ____; or
(877) 956-2722 (toll free in the 613 area code); or
_____@cataraquieregion.on.ca.

Yours truly,

John C. Williamson
Chair, Cataraqui Source Protection Committee

Attachment: Public Notice



PUBLIC NOTICE

Source Protection Plan Being Prepared for the Cataraqui Area

The Cataraqui Source Protection Committee has started to prepare a source protection plan for the Cataraqui Source Protection Area (map on reverse). The plan will address existing and future threats to the quality of drinking water sources in local vulnerable areas. It will focus on protecting the municipal supplies for the following locations:

Amherstview	Kingston	Napanee
Bath	Kingston Mills (Cana area)	Odessa
Brockville	Lansdowne	Sandhurst Shores
Gananoque	Mallorytown (Miller Manor)	Sydenham

It will also consider vulnerable groundwater aquifers and recharge areas across the source protection area, and may discuss aspects of source protection for the adjacent communities of Picton and Westport.

The Committee will carefully consider existing laws and programs, and will aim to introduce new ideas that are appropriate, effective, and economical for local communities. A draft source protection plan will be published for public review and comment in early 2012. A revised version must be submitted for the approval of the Ontario Minister of the Environment no later than August 2012.

How to Get Involved

The Committee will host a series of public roundtable events during 2011 to seek input for the plan. Notice of each event will be placed in local newspapers. As well, the schedule for the 12 events is listed on the Internet at: www.cleanwatercataraqui.ca/roundtables.html. If you would like to register for one or more of the roundtables, please send an e-mail message to: roundtables@cataraquiregion.on.ca (ideally two weeks prior to the event, and specifying your location(s) of interest). In addition to the roundtables, public open houses will be held following the publication of a draft plan. We welcome your participation!

For More Information

For more information, please visit www.cleanwatercataraqui.ca, or contact:

Rob McRae MCIP, RPP
Project Manager, Source Water Protection
Cataraqui Region Conservation Authority
1641 Perth Road, P.O. Box 160
Glenburnie ON K0H 1S0
robmcr@cataraquiregion.on.ca

Cataraqi Source Protection Area Base Map

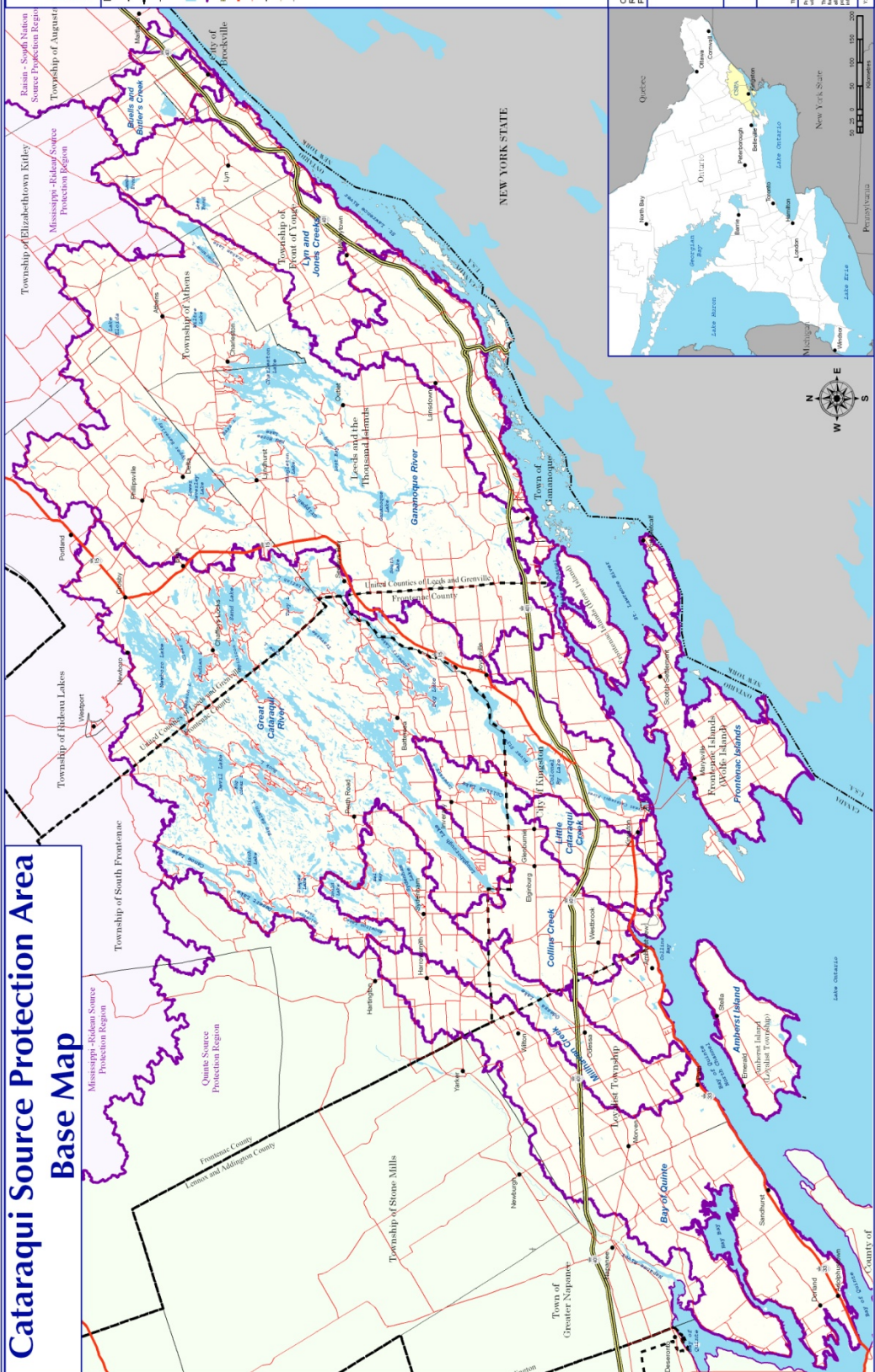


Figure 1-2



- Legend**
- International Boundary
 - Upper Tier Municipalities
 - Lower Tier Municipalities
 - Towns
 - Waterbodies
 - Waterbodies Boundary
 - Ferrous
 - Expressway / Highway
 - Collector
 - Paved Transit
 - Service Road
 - Airports

Created: June 15, 2005
 Revised: January 2006
 Printed: March 2006

Scale: 1:340,000

0 1.5 3 Kilometres
 0 1.5 3 Miles

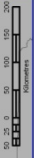
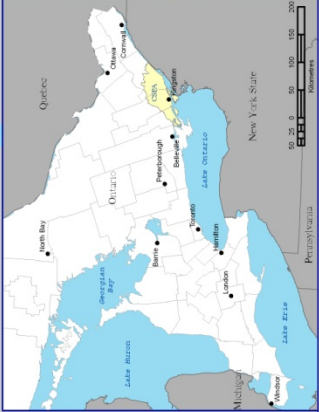
Universal Transverse Mercator Projection
 North American Datum 83



Ontario

This map was prepared for the Ontario Government and the Ministry of Environment and Energy.

The Ontario Government is not responsible for the accuracy or completeness of the information presented in this map. The user of this map is advised to verify the accuracy and completeness of the information presented in this map for all purposes. The user of this map is advised to verify the accuracy and completeness of the information presented in this map for all purposes.



Cataraqi Source Protection Area – DWSP 2011 Internal Calendar as of January 13, 2011

January 2011						
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
						1
2	3	4	5 GWWG agenda SWWG agenda	6	7	8
9	10	11 PM meeting	12 Miller internal PG Gananoque internal PG SP Committee agenda	13 GWWG - Miller SWWG – Gananoque	14	15
16	17 James W. King (Gananoque) RT RSVP Chairs' meeting	18 Miller Manor RT RSVP Chairs' meeting	19	20 Cataraqi SP Committee 7 PM	21	22
23	24	25	26	27 ARSC 3 PM	28	29
30	31 James W. King (Gananoque) RT 6 PM					

Cataraqi Source Protection Area – DWSP 2011 Internal Calendar as of January 13, 2011

February 2011						
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
		1 Miller Manor RT 6 PM	2 GWWG agenda SWWG agenda SP Committee agenda	3	4	5
6	7 Cana internal PG	8 Brockville internal PG	9	10 GWWG - Cana SWWG - Brockville Cataraqi SP Committee 7 PM	11	12
13	14 Cana RT RSVP	15 Brockville RT RSVP	16 GWWG agenda SWWG agenda	17	18	19
20	21 FAMILY DAY	22	23 DPUAR to SP Committee	24 GWWG - Lansdowne SWWG - Svidenham	25	26
27	28 Cana RT 6 PM					

Cataraqi Source Protection Area – DWSP 2011 Internal Calendar as of January 13, 2011

March 2011						
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
		1 Brockville RT 6 PM	2 SP Committee agenda	3	4	5
6	7	8	9	10 Cataraqi SP Committee 7 PM - DPUAR	11	12
13	14 DPUAR publication week MARCH BREAK	15	16 GWWG agenda SWWG agenda	17	18	19
20	21 Sydenham RT RSVP	22 DPUAR Publication Day (tbc) Lansdowne RT RSVP	23 (+ 1)	24 (+ 2) GWWG – HVA/SGRA, Miller SWWG - Gananoque	25 (+ 3)	26 (+ 4)
27 (+ 5)	28 (+ 6)	29 (+ 7) DPUAR PUBLIC OPEN HOUSE (tbc)	30 (+ 8)	31 (+ 9)		

Cataraqui Source Protection Area – DWSP 2011 Internal Calendar as of January 13, 2011

April 2011						
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
					1 (+ 10)	2 (+ 11)
3 (+ 12)	4 (+ 13) Sydenham RT 6 PM	5 (+ 14) Lansdowne RT 6 PM	6 (+ 15) SP Committee agenda	7 (+ 16)	8 (+ 17)	9 (+ 18)
10 (+ 19)	11 (+ 20)	12 (+ 21)	13 (+ 22) GWWG agenda SWWG agenda	14 (+ 23) Cataraqui SP Committee 7 PM	15 (+ 24)	16 (+ 25)
17 (+ 26)	18 (+ 27)	19 (+ 28)	20 (+ 29)	21 (+ 30) DPUAR comments due GWWG – Cana, HVA/SGRA SWWG - Brockville	22 GOOD FRIDAY	23
24 EASTER	25 EASTER MONDAY	26	27 GWWG agenda SWWG agenda	28	29	30

Cataraqui Source Protection Area – DWSP 2011 Internal Calendar as of January 13, 2011

May 2011						
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	2 A.L. Dafoe (Napanee), Bath, and Sandhurst Shores RT RSVP	3 HVA / SGRA RT # 1 (Athens) RSVP	4 SWWG agenda SP Committee agenda – PUAR report	5 GWWG – HVA/SGRA, Lansdowne SWWG – A.L. Dafoe, Bath, Sandhurst	6	7
8	9	10	11	12 SWWG – Fairfield, Kingston, Point Pleasant Cataraqui SP Committee 7 PM - PUAR	13 WEBPOST I START Brockville, Cana, Gananoque, Miller Brockville	14
15	16 Kingston Central and Point Pleasant RT RSVP A.L. Dafoe (Napanee), Bath, and Sandhurst Shores RT 6 PM	17 HVA/SGRA RT # 2 (Marysville) RSVP HVA/SGRA RT # 1 (Athens) 6 PM	18 PUAR to SP Authority	19	20 WEBPOST I + 7	21
22	23 VICTORIA DAY	24	25 SP Authority - PUAR	26	27 WEBPOST I + 14	28
29	30 Kingston Central and Point Pleasant RT 6 PM	31 HVA / SGRA RT # 2 (Marysville) 6 PM				

Cataraqui Source Protection Area – DWSP 2011 Internal Calendar as of January 13, 2011

June 2011						
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			1 SWWG agenda SP Committee agenda	2 HVA / SGRA RT # 3 (Napance) RSVP	3 WEBPOST I END + 21 Brockville, Cana, Gananoque, Miller	4
5	6 Fairfield (Amherstview) RT RSVP	7	8	9 SWWG - Sydenham Cataraqui SP Committee 7 PM	10	11
12	13	14	15	16 HVA / SGRA RT # 3 (Napance) 6 PM	17	18
19	20 Fairfield (Amherstview) RT 6 PM	21	22 GWWG agenda SWWG agenda	23	24	25
26	27	28	29	30 GWWG - Miller SWWG – Gananoque, A.L. Dafoe, Bath, Sandhurst		

Cataraqui Source Protection Area – DWSP 2011 Internal Calendar as of January 13, 2011

July 2011						
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
					1 CANADA DAY	2
3	4	5	6 SWWG agenda SP Committee agenda	7	8	9
10	11	12	13	14 SWWG - Fairfield Cataraqui SP Committee 7 PM	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

Cataraqui Source Protection Area – DWSP 2011 Internal Calendar as of January 13, 2011

August 2011						
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1 SIMCOE DAY	2	3 SP Committee agenda (if necessary)	4	5	6
7	8	9	10	11 Cataraqui SP Committee 7 PM (if necessary)	12	13
14	15	16	17 GWWG agenda SWWG agenda	18	19	20
21	22	23	24	25 GWWG – HVA/SGRA SWWG – Brockville, Kingston, Point Pleasant	26 WEBPOST II START A.L. Dafoe, Bath, Lansdowne. Sandhurst	27
28	29	30	31 SP Committee agenda			

Cataraqi Source Protection Area – DWSP 2011 Internal Calendar as of January 13, 2011

September 2011						
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
				1	2	3
					WEBPOST II + 7	
4	5 LABOUR DAY	6	7	8 Cataraqi SP Committee 7 PM	9 WEBPOST III START HVA/SGRA, Sydenham WEBPOST II + 14	10
11	12	13	14 GWWG agenda	15	16 WEBPOST III + 7 WEBPOST II END + 21 A.L. Dafoe, Bath, Lansdowne, Sandhurst	17
18	19	20	21	22 GWWG – Cana	23 WEBPOST III + 14	24
25	26	27	28	29	30 WEBPOST III END + 21 HVA/SGRA, Sydenham	

Cataraqui Source Protection Area – DWSP 2011 Internal Calendar as of January 13, 2011

October 2011						
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
						1
2	3	4	5 SP Committee agenda	6	7 WEBPOST IV START Fairfield, Kingston, Point Pleasant	8
9	10 THANKSGIVING DAY	11	12	13 Cataraqui SP Committee 7 PM	14 WEBPOST IV + 7	15
16	17	18	19 GWWG agenda SWWG agenda	20	21 WEBPOST IV + 14	22
23	24	25	26	27 GWWG - Lansdowne SWWG – A.L. Dafoe, Bath, Sandhurst, Sydenham	28 WEBPOST IV END + 21 Fairfield, Kingston, Point Pleasant	29
30	31					

Cataraqui Source Protection Area – DWSP 2011 Internal Calendar as of January 13, 2011

November 2011						
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
		1	2	3	4	5
6	7	8	9 SP Committee agenda	10	11 REMEMBRANCE DAY	12
13	14	15	16	17 GWWG – HVA/SGRA SWWG – Fairfield, Kingston, Point Pleasant Cataraqui SP Committee 7 PM	18	19
20	21	22	23	24	25	26
27	28	29	30 SP Committee agenda			

Cataraqui Source Protection Area – DWSP 2011 Internal Calendar as of January 13, 2011

December 2011						
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
				1	2	3
4	5	6	7	8 Cataraqui SP Committee 7 PM	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25 CHRISTMAS DAY	26 BOXING DAY	27	28	29	30	31