

**MADAWASKA RIVER WATER MANAGEMENT REVIEW
STANDING ADVISORY COMMITTEE (SAC)
Meeting #49, Wednesday September 22, 2010, 6:30 pm
OPG/OSPG Headquarters, Renfrew Office**

AGENDA

Attendees:

SAC: Steve Roy, Lucien Lacombe, Damien Hanel, Brian Moran, Brian Wright, Carole Workman, George Newton, Lyle Stewart, Dan White

MNR: Joanna Samson, Karen Handford, Al Hyde

OPG: Don Ferko, Matthew Mulvihill,

Regrets: Marc Bisson, Jerry Lapierre

1. Call to Order:

The meeting was called to order at 6:40 p.m. by Brian Wright.

2. Review of Agenda:

Steve Roy item of interest 7.1 was moved up and addressed first.

Draw down rule curve. Asking Don to table that and create a discussion for the next meeting.

3. Delegations:

There were no delegations.

4. Approval of Minutes:

4.1 Meeting #48, May 25, 2010

Steve Roy would like the following edit made to the notes from SAC meeting #48:

On page 3, Steve Roy suggested that the following sentence appears as stated below, under levels and flows:

Stewartville GS:

Operating with a tighter range than normal at this time of year. (Summer range 30cm)

Motion: Proposed by Steve Roy and seconded by Damien Hanel, the minutes of meeting #48 of the Madawaska SAC were approved.

5. Business arising:

5.1 The Planning Process

5.1.1 Introduced the approved, printed WMP to the committee- Joanna Samson

- Gave a wrap up of the approved plan.
- Stakeholder letter was sent out in July to the mailing list announcing the the approved WMP was ready for public review and the various methods of how to obtain a copy of the plan. At this point 8 copies of the plan were distributed to various stakeholders upon request.
- SAC is encouraged to direct stakeholders to the website, as there is a limited number of hard copies available for the public.

Damien: can we monitor the plan on line?

Action: Matt to check OPG downloads of the WMP.

Everyone commended Joanna for all the hard work.

5.2 Levels and Flows- Don Ferko

The full presentation for Discharge and Elevation Update can be obtained by contacting matthew.mulvihill@opg.com

Presentation highlights:

- May/June 2010 elevation and flows were a lot lower than normal.
- July and August saw elevation settling back to more normal levels.
- Inflows were higher than normal in July and August for recreational purposes at Bark Lake.
- Levels rose significantly in August and into September.

6. Summary of Public Issues Since Last Meeting.....all

6.1

MNR

Low water issue at Bark Lake was a significant workload for MNR staff:

- A handful of phone calls from the public however the majority were directed to OPG.
- Several stakeholder letters that were received and responded to.
- House Notes and Minister Briefing Notes were prepared & regularly updated.

6.2 OPG

Bark Lake- Included all stakeholders of contact for the summer

- Contact made to Ontario Power Generation regarding low water levels:
 - 21 contacts since May meeting - Bark lake to Palmer Rapids
 - 2 contacts dealing with quantity - Palmer Rapids to Griffith
- People requesting hard copies of the revised Water Management Plan
- Complaints stemmed from significant increase related to the lack of rain in the spring and early summer months

Lucien: Stated that there were about an additional 30 people at the May community stakeholder meeting that didn't sign in. He was glad Chris Tonkin agreed to have the meeting in Madawaska.

6.3 SAC Members

- Letter from stakeholder Doug Smith - Has a plane and flies into property on White Lake. His issue is with regards to low water. He has a growing concern that its coming down too fast in the fall from 5.2 to 3.5.
- Lost ability to enter main lake from creek.

Wondering why it is running at 3.8 when the summer draw down is to 3.5.

Joanna responded that she wasn't completely sure but that likely because that it is lower in the fall to account for fall rain and to make room for spring freshet.

Dan stated that the level was 3.8 as of Monday if they plan to reach 3.5 by October 15 then he is concerned you will not reach 5.2 by the spring.

No one complained about the levels but is concerned why it needs to go below 4 feet when it is in fact still summer as of today.

Dan: People are looking for a target at a certain date.

Joanna: People are spending longer at their cottage then ever before.

Contact Dale and put an email out to group to see what is going on.

Joanna: This doesn't mean we can't propose an amendment or look at it in the WMP.

Action: Invite Dale McLenaghan from Kemptville District MNR to a future meeting.

Action: Dan to prepare a proposal for discussion at a future SAC meeting.

Brian- concerned the draw down is a bit too early.

7. New Business

7.1 Flow to drawdown rule curve – Stewartville Preliminary Analysis -Don Ferko

- Assessment of the reach was performed using a modelling tool.

- Goal of the modelling was to assess the impact, if any, of the proposal elevation ranges on the operation of the Madawaska system.
- Don noted: bottlenecks in the Calabogie and Arnprior reaches of the river restrict storage at Stewartville and also generating times.
- Factors assessed included the shifting of generation from on-peak to off-peak periods of demand and daily unit operations.
- Estimate the potential impact of the alterations on revenue.
- Average on-peak and off-peak prices were developed to assign a daily value to the shifting of generation from the on-peak to the off-peak period.
- Potential annual impacts of the changes were calculated over the summer period.
- The daily average revenue losses were applied to the respective daily average total inflow for the period of record (1968-present) at Mountain Chute GS.

Results:

- Revenue losses for each summer period ranged from \$22,000 (low) - \$242,000 (high) per year depending on the annual flows.
- Average annual revenue loss for the Madawaska system throughout the 40 year period of record was \$124,000.
- Negative impact on both the ability to generate during the hours of peak demand and subsequently shift to off peak periods.

Next Steps:

Additional analysis carried out to reflect.

- Operating reserve requirements and unit availability.
- Currently assume all units available at Stewartville.
- Actual practice requires removing units out of the market because of the lack of water in storage.
- Use prices that vary hourly vs. On/off peak pricing.
- Current simplification lumps pricing.
- “Optimization” of the generation profile.
- Generate multiple profiles and compare difference between best cases of the existing and the proposed rule curve.

Steve: Are results going to be made available by next meeting?

Don: By spring we could fine tune it and probably have results.

Re-scheduling of SAC Appreciation Dinner- Joanna Samson

November 24, 2010

Location: Flamingo's restaurant

Renfrew at 6:00 p.m.

7.2 Moving forward with SAC and 2009 Approved Plan-Joanna Samson

7.3.1 Overseeing Implementation of the Water Management Plan (WMP)

Al Hyde will be taking over the implementation of the WMP. Joanna mentioned that this was Karen's last meeting thanked her for all her hard work

7.3.2 Terms of reference

- Terms of Reference is currently 10 yrs old
- Since then we have had a number of other MNR committees formed in which the terms of reference has been modified
- We would like to possibly modernize our current terms of reference and bring it in line with the other committees where we see fit
- ACTION – Joanna will tweak the terms of reference and will run the recommended changes by the SAC members.

7.3.3 SAC Membership

- With the completion of the Water Management Plan the SAC is at a turning point. Joanna encouraged people that if they feel they have served the committee long enough that they may chose to take this opportunity to retire from the committee. We proposed the same concept at the start of the planning process and a few members chose to leave the committee at that time. Although MNR and OPG would be happy to have you remain as a member; the option is yours.

Action for all SAC members: Please follow-up with Joanna by phone or email as to whether or not you would like to remain on the committee at this time or if you wish to retire from your position.

- We are not looking to advertise at this time, however, there is currently one vacancy to fill on the committee
- Experience and knowledge is valuable when recruiting new members to the SAC. Everyone mutually agreed that every area should have a representative moving forward.

7.3.4 SAC Meeting Agendas

- Option to look at the current agenda as a committee to see if there are some changes we would like to see.
- Brian Wright suggested that he would like to see a new chair elected as he has been in that role for a number of years.

Action: Election for a new Chair at the next SAC Meeting

Al- gives thought to different standing items for implementations of the meeting.

- Standard bullets force the same agenda

- Prioritization and needs to address list.
- Focus need to be on monitoring the implementation of the WMP.

7.3.5 Other

Carole- re: letter is there a mandate to measure the water quality on the Madawaska river.

Joanna: Water management committee is managing levels and flows. Water quality is handled by the Ministry of Environment.

Dan: suggests SAC should create their own small committee and encourage consistent testing for an environmental sub-committee.

Joanna suggested that if there are different topics we are interested in we can periodically add an educational element to the SAC meetings.

Joanna- Reminded everyone that the role of the SAC is to implement the WMP and that we can't stray too far away from our mandate.

Karen suggested that maybe keeping the agenda light sometimes giving opportunity for a speaker

7.3 Announcements (if any)

Carole Workman was formally introduced to the Standing Advisory Committee as a full time member.

8. Date of next meeting

The next SAC meeting will take place:

Wednesday, Dec 1st, 2010 at OPG's Renfrew office.

Dinner: 6:00 p.m

Start Time: 6:30

9. Adjournment

On a motion proposed by Brian Moran, seconded by Damien Hanel, the meeting was adjourned at 8:30 pm, there being no further business.