

Next Meeting for the
La Salle River Watershed
Planning Advisory Team
(WPAT) will be on
Friday, February 23, 2007 at
the Community Hall in
Starbuck (25 Main Street)
starting at 9:00 a.m.

La Salle River Integrated Watershed Management Plan
Watershed Planning Authority Team (WPAT) Meeting #4
January 19, 2007 at 9:00 am
Starbuck Community Hall, Starbuck Manitoba

Present:

Watershed Planning Authority Members (WPA) (LSRBCD members)

Chairperson -	Mr. Rodney Burns	Present
Vice-Chairperson-	Mr. Roland Rasmussen	Present
	Mr. Marshall Piper	Present
	Mr. Gordon Ducharme	Absent
	Mr. Owen Williams	Absent
	Mr. Claude Menard	Present

Project Management Team (PMT)

La Salle Redboine CD -	Mr. David Huck	Present
Manitoba Water Stewardship	Mr. Barry Oswald	Present

Watershed Planning Authority Team (WPAT)

Keystone Agricultural Producers	Mr. Ray Franzmann	Present
Winnipeg Naturalist Services Branch- Alternate	Mr. Mike Quigley	Present
Portage la Prairie School Division	Mr. Murray McLenehan	Present
RM of Cartier	Mr. Roland Rasmussen	Present
Organic Producers Association	Ms. Lori-Ann Regnier	Present
RM of Grey - alternate	Mr. Richard Penner	Present
Dairy Farmers of Manitoba	Mr. Hans Borst	Present
RM of MacDonald	Mr. Rodney Burns	Present
Rivers West	Mr. Jeff Palmer	Present
Prairie Fruit Growers Assoc.	Mr. Waldo Thiessen	Present

Watershed Planning Authority Team (WPAT) – Technical Sub-Group

Agriculture & Agri-Food Canada	Mr. Jason Vanrobaeys	Present
Manitoba Water Stewardship – Hydrology	Mr. Scott Herbert	Present
Manitoba Water Stewardship – Surface Water Quality	Mr. Rollie Fortin	Present
Manitoba Water Stewardship – Licensing Allocation	Ms. Shannon Beattie	Present
Manitoba Water Stewardship – Licensing Allocation	Mr. Pat Hailley	Present
Manitoba Conservation	Mr. Brian Hagglund	Present
Manitoba Transportation & Government Services	Mr. AJ Miller	Present
Manitoba Intergovernmental Affairs and Trade	Mr. Don Malinowski	Present
Manitoba Conservation	Mr. Raymond Reichelt	Present
Science, Technology, Energy and Mines	Mr. Gaywood Matile	Present
Science Technology, Energy and Mines	Mr. Gregg Keller	Present

Recording Secretary

La Salle Redboine CD-	Ms. Amanda Jeffrey	Present
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1. Call to order

- WPA Chairperson R. Burns called the meeting to order at 9:15 a.m.
- General introductions of individuals and organizations in attendance

2. Watershed Information Reports and Planning Group Questions:

A. State of the Watershed Report – Manitoba Water Stewardship – Watershed Hydrology – Scott Herbert *please refer to tab 18 for complete presentation details

- LaSalle River Watershed has a gross drainage of 2406.4 km². AAFC- PFRA and MWS have outlined a system of watershed boundaries for Manitoba.
- The equipment that they use is a Staff Gauge (records water levels), Float recorder (records water movement). WSC station- Pressure Transducer. The tasks of the

equipment is to measure, record, store and transmit. In the LaSalle River Watershed there are 19 discharge stations, but only 3 are being used (#1, #5, #8). Station #3 use to supplement station #1 during 1958-1966. There are 6 Water Level Stations (#1, #4, #5, #6, #7, #8); they all began in 1978, and record from spring thaw to freeze.

- The flood frequency curve is updated on a need basis.
- The mean annual precipitation is 560mm which is 8% results in streamflow. Streamflow usually peaks in April during Spring runoff. On average 70-75% of annual runoff volume occurs in the period from March to May.
- The LaSalle River is a intermittent stream. ½ of the spring volume is available for human use in 8 of 10 years. ½ is allocated for stream “health” (IFN- Instream Flow Need) The water available for human use at 80% risk level is 5685 dam³.
- The Assiniboine- LaSalle River Diversions (Pumps), was constructed in 1984. It is to ensure that the villages of Starbuck, Sanford and LaSalle had a dependable water supply. It is for domestic, stockwatering, and irrigation use. It consists of 3 pumping stations.

Questions?

Q: Which waterways or bridges use the 1% flow design?

A: Highways use the 1% flow design for major structures.

Q: For the peak flows, why isn't May and June higher?

A: The peak flows are taken on an average from 1965.

Q: Do you share this data with the other agencies?

A: They are available to the public on the website.

Q: Is this natural Flow?

A: It is strictly off of the river during March – May.

Q: Once you have a water license, do you always have that license?

A: Once your license has expired then you have to reapply for a new license.

Q: If Alberta is having a lack of water, could you cut someone's current license?

A: If Alberta is having a lack of water it could affect us, but they look at the past 30 years.

Q: Is the CFS for 1 pump or for all?

A: The CFS is for all.

Q: What do gauging stations cost to operate per season?

A: Approx 15,000 – 25, 000.

Q: If there is a flood in Elie, could you warn Starbuck with the information from the gauging stations?

A: Yes theoretically. There are three stations on real time.

B. State of the Watershed Report- Manitoba Water Stewardship – Water Licensing and Allocation – Shannon Beattie *please refer to tab 19 for complete presentation details

- The water belongs to the province. All use (except domestic) requires a license. The water must be used for a beneficial use ie. Municipal, agricultural, industrial, irrigation
- The criteria for issuance is rights of prior appropriators will not be affected, means of diversion is adequate, use of water is beneficial, and the proposed appropriation is in the public interest.
- Ground water use is 31% Municipal, 28% Irrigation, 0% Industrial, 34% Agriculture, 7% Other.
- Surface water use is 19% Municipal, 78% Irrigation, 0% Industrial, 3% Agriculture, 0% Other.

Questions?

Q: When a colony dams a creek, is that part of their license?

A: There are damming licenses- which is not her area – It is possible that they have both a water and dam license. The province is lacking in monitoring, which prohibits them from going and checking each dam.

Q: Is there drought protection, where irrigation may be shut down because residential would take precedent?

A: Yes there is drought protection.

C. State of the Watershed Report – Science, Technology, Energy and Mines – Watershed Geology – Gregg Keller and Gaywood Matile

- Surficial geology in the watershed consists of ridge and swale topography (Glaciolacustrine Clay, Glaciolacustrine diamict, Till, Dolomitic Limestone). This determines the Assiniboine and LaSalle River flow.
- Portage la Prairie; Alluvial Fan consists of sand silt and clay. Lake Agassiz consists of sand and gravel (beaches). Assiniboine Delta Aquifer consists of sand.
- A drill hole would show 0-15m clay
15-20 m till
20-270m limestone/ dolomite
270-310m sandstone
310m plus Precambrian
- There are approximately 90,000 drill holes (waterwells, test holes, academic holes)

Questions?

Q: Is there data available for specific sites?

A: Yes, through water resources

Q: When anyone drills a waterhole is there reporting?

A: Yes.

Q: Are there any sand/ gravel pits?

A: Not a lot in the area.

D. State of the Watershed Report- Manitoba Conservation – Wildlife Branch – Brian Hagglund

- Approximately 10% of the watershed provides habitat to wildlife. The Portage Sandhills WMA are located in this watershed.
- The Sandhills provide habitat for deer and grouse. The Sandhills consist of sand dunes, aspen-oak forest and mixed grass prairie. It is extremely fragile and is protected from vehicle use.
- The watershed supports white-tailed deer, a variety of fur bearing animals and neotropical birds.
- Very limited survey information has been collected over the years, except for the white-tailed deer survey in Game Hunting Area. The last survey was in 1998.

Questions?

Q: Is there a chance that they will increase the hunting license?

A: The hunters are not taking advantage of their licenses now.

Q: If there deer are not controlled will they get diseased and die?

A: It is a huge concern that they deer may die from disease.

E. State of the Watershed Report – Intergovernmental Affairs and Trade – Community Planning – Don Malinowski *please refer to tab 20 for complete presentation details

Questions?

Q: Is it possible to project farm structures over the next 10 years?

A: No, they are only able to do residential.

Q: Is it possible to develop a plan that would enforce not allowing livestock within 1000ft of the river? How would you do that, and make it unified?

A: It is possible but you would have to make sure that all 5 planning districts were in agreement.

3. Next Meeting

- a. Next meeting date, location and time?

*NEXT MEETING – Friday, February 23rd , 2007 at the Community Hall
in Starbuck, starting at 9:00 a.m.*

4. Adjournment

- Meeting was adjourned at 11:45 am

Approved:

Amanda Jeffrey

WPA Chairperson – R. Burns

Recording Secretary – A. Jeffrey