

**PFRA and the Seine River Integrated Watershed Management Plan**  
*Draft Detailed Outline*  
March 1, 2007

I. PFRA role in the IWMP process

- PFRA will provide agri-environmental information that will discuss how land use and agricultural activities relate back to environmental risks. The information will help provide general recommendations for sustainable agriculture in the watershed.
- PFRA input will revolve around the four AAFC Agricultural Policy Framework (APF) pillars, as related to agricultural operations:
  - o soil quality
  - o water quality and quantity
  - o air quality
  - o biodiversity
- PFRA will provide 2 reports:
  - o One larger report, which will cover the information listed in Section II below, as well as re-iterate and reference sections of the "Summary of Resources and Land Use Issues Related to Riparian Areas in the Seine River Watershed Study Area" (from riparian health website).
  - o The already completed, "Summary of Resources and Land Use Issues Related to Riparian Areas in the Seine River Watershed Study Area" (from riparian health website). This report is complete and is recommended to be posted on the website, under State of the Watershed submissions, as a related report.
- PFRA can also provide an agricultural perspective to the watershed group, where necessary.

II. Information available from PFRA, for the State of the Watershed Report

PFRA Reports:

- Main report to include:
  - o Agricultural Land Use, including cropland, livestock #'s, manure N, manure P (2001 census) (text).
  - o Water Supply, including surface sources, community sources (i.e. pipelines, tankloaders), and chronic drought areas (map, text).
  - o Biodiversity, as related to land cover (text).
  - o Environmental Farm Plan (EFP) and Beneficial Management Practice (BMP) uptake, indicating where workshops have already been attended and BMPs have been implemented (maps, text).
  - o General watershed considerations, opportunities and challenges.
- Existing riparian report, "Summary of Resources and Land Use Issues Related to Riparian Areas in the Seine River Watershed Study Area" provides:
  - o Watershed Overview, including: topography, RMs, sub-watersheds (maps, text).

- Climate and Ecology, including typical native vegetation, and mean air temperature, growing degree days, annual precipitation. Based on the eco-zones and eco-regions present in the watershed (map, text).
  - Water Resources, including general hydrology and water quality (map, text).
  - Land Cover of the watershed, 2001 and 1994 (maps, text).
  - Soil Resources, including surface texture, drainage, agricultural capability, and water erosion risk (maps, text).
  - Agricultural Activities, including, crops being grown, tillage practices, conservation practices, livestock distribution, and manure application methods. Based on 2001 census data (text).
  - Watershed Considerations, including riparian areas, shoreline density, farm management practices, agricultural production intensity (crop and livestock), and general recommendations (maps, text).
- Information to be provided might vary slightly, depending on watershed needs and PFRA capabilities.

### III. Deadlines

- **Hope to have main report completed by the end of April, 2007**
- Existing riparian report is available, and can be posted on State of the Watershed Report website.