

## **ATTACHMENT B**

### ***Requirements of the Manitoba Floodway Authority (MFA): Environmental Management, Protection, Monitoring, and Reporting***

#### **Excerpts from:**

**Infrastructure Canada Screening Report – Red River Floodway Expansion Project**  
(Gartner Lee Limited, Falk Environmental Inc.)

May 2005

[http://www.ceaa.gc.ca/050/Viewer\\_e.cfm?SrchPg=1&CEAR\\_ID=11197](http://www.ceaa.gc.ca/050/Viewer_e.cfm?SrchPg=1&CEAR_ID=11197)

*The following is a summary of the various documents (plans and reports) that Infrastructure Canada is requiring of the MFA as a condition of granting federal regulatory approval for the Red River Floodway Expansion Project. These are either in addition to or are a modification of plans and reports that the MFA has committed to providing as part of the Environmental Impact Statement.*

*For some project/environmental components, there may be a CPEPP plan requirement indicated below but not a OPEPP plan or a Monitoring and Follow-up Plan (and vice versa). This may be because the MFA had already made a commitment to provide one of these plans or reports, but Infrastructure Canada has determined that other plans or reports are also needed)*

#### **Environmental Management Plan (EMP)**

This is the overarching, comprehensive document that is the overall action plan for preparing and submitting the other required environmental plans and documents for review and approval, including the provision of sufficient time for responsible authorities and appropriate federal authorities to review and discuss the plans with the MFA and other stakeholders as appropriate

Elements to be addressed in the EMP include:

- Construction Phase Environmental Protection Plans (CPEPP);
- Operation Phase Environmental Protection Plans (OPEPP);
- Environmental Inspection Plans;
- Monitoring and Follow-up Plans;
- Reporting Plans

The EMP also:

- will include a schedule for reporting progress, including both during construction and on operations during the 5 years following the completion of construction.
- will describe how all of the environmental commitments outlined in the screening report, EIS, Supplemental Filing and other supporting documents will be met during all phases of the project

- will be based on consultation with stakeholders, reflect the principles of adaptive management and best management practices; should also include plans for consultation with RAs and other affected stakeholders during construction and operation of the Project
- will outline the MFAs plans for and content of the environmental protection plans to be implemented during construction (CPEPP) and during operation (OPEPP)
- will outline how the environmental inspection of construction is to be undertaken, including but not limited to the roles and responsibilities of environmental inspectors, reporting requirements and relationships, auditing requirements, dispute resolution mechanisms and qualifications
- will describe how the MFA plans to report ongoing progress on the implementation of the Project and on ensuring compliance with the terms and conditions outlined in this screening report and in the EIS and Supplemental Filings
- will include the MFA's plans for monitoring and follow-up during construction and operations
- will include detailed procedures for administration of the mitigation fund
- will include plans for obtaining all other required regulatory approvals
- all environmental reports and records on the Project must be kept for audit purposes as required by the RAs
- the MFA must provide reasonable access to the Project site during the construction phase to RA staff and/or their designates for inspection purposes

**Construction Phase Environmental Protection Plans (CPEPPs)**

The CPEPPs will address issues related to specific project/environmental components during the construction phase of the project.

Federal authorities require CPEPPs for the following (15) project/environment components:

- Surface Water Regime
- Groundwater
- Drainage
- Climate, Air Quality and Noise
- Soils
- Surface Water Quality
- Fish and Fish Habitat (including provisions for lower trophic levels and aquatic invertebrates)
- Aquatic Species At Risk
- Vegetation
- Wildlife and Wildlife Habitat
- Species At Risk
- Resource Use
- Infrastructure and Services
- Personal, Family and Community Life
- Heritage Resources

**Operation Phase Environmental Protection Plans (OPEPP)**

The OPEPPs will address issues related to specific project/environmental components during the operation phase of the project.

Federal authorities require OPEPPs for the following (9) project/environment components:

- Surface Water Regime
- Groundwater
- Erosion and Sedimentation
- Drainage
- Surface Water Quality
- Fish and Fish Habitat (including provisions for lower trophic levels and aquatic invertebrates)
- Aquatic Species At Risk
- Vegetation
- Wildlife and Wildlife Habitat

**Monitoring and Follow-up Plans**

The Monitoring and Follow-up Plans will address issues related to how specific project/environmental components will be monitored during the operation phase of the project.

Federal authorities require Monitoring and Follow-up Plans for the following (15) project/environment components:

- Surface Water Regime
- Erosion and Sedimentation
- Drainage
- Surface Water Quality
- Fish and Fish Habitat (including provisions for lower trophic levels and aquatic invertebrates)
- Aquatic Species At Risk
- Vegetation
- Wildlife and Wildlife Habitat
- Species At Risk
- Resource Use
- Infrastructure and Services
- Personal, Family and Community Life
- Health
- Heritage Resources
- Cumulative Effects

**Progress and Compliance Reports**

The Progress and Compliance Reports will provide information about the on-going progress in implementing the project/environment components and in ensuring compliance with the commitments and terms and conditions in accordance with the

provisions of the EMP. Reports would be provided to RAs for information in order to verify the accuracy of the effects predictions contained in the EIS and Supplementary Filings, the ensure the effectiveness of the mitigation measures being employed and to verify the use of adaptive management if required.

Federal authorities require Progress and Compliance Reports for the following (19) project/environment components:

- Surface Water Regime
- Groundwater
- Erosion and Sedimentation
- Drainage
- Climate, Air Quality and Noise
- Soils
- Surface Water Quality
- Fish and Fish Habitat (including provisions for lower trophic levels and aquatic invertebrates)
- Aquatic Species At Risk
- Vegetation
- Wildlife and Wildlife Habitat
- Species At Risk
- Resource Use
- Infrastructure and Services
- Personal, Family and Community Life
- Health
- Heritage Resources
- Navigation
- Cumulative Effects

**Note:**

The following project/environmental components do not require any additional environmental protection plans, etc. beyond what has been committed to by the MFA because their effects have been deemed not likely to be significant (following mitigation measures):

- Ice Processes
- Economy

**Other Plans, documentation, etc. required by the federal Responsible Authorities (9):**

- Sediment and Erosion Control Plan
- establish and support a Fisheries Technical Experts Committee
- design of fish passage for Inlet Control Structure
- detailed procedures for administration of the mitigation fund, details regarding the compensation programs provided for under the Red River Floodway Act and as outlined in Rule 4.
- consultation plans aimed at promoting compliance with evacuation orders during flood events.

*Attachment B: Manitoba Wildlands Comments on Federal Screening Report – Floodway Expansion*

- workshop(s) with the health and emergency services sectors will be organized by the MFA
- plans for consultation with the Regional Health Authorities emergency service providers during all phases of the Project
- plans to ensure the delivery of emergency service in the RM of St. Clements while the Dunning Crossing is closed.