

ENVIRONMENTAL UPDATE



GENERAL INFORMATION MEETING FOR MCKENZIE
AVENUE EXTENSION PROJECT

May 24th 2016

BIOFILIA
CONSULTANTS EN | 20
ENVIRONNEMENT | ANS

OBJECTIVE

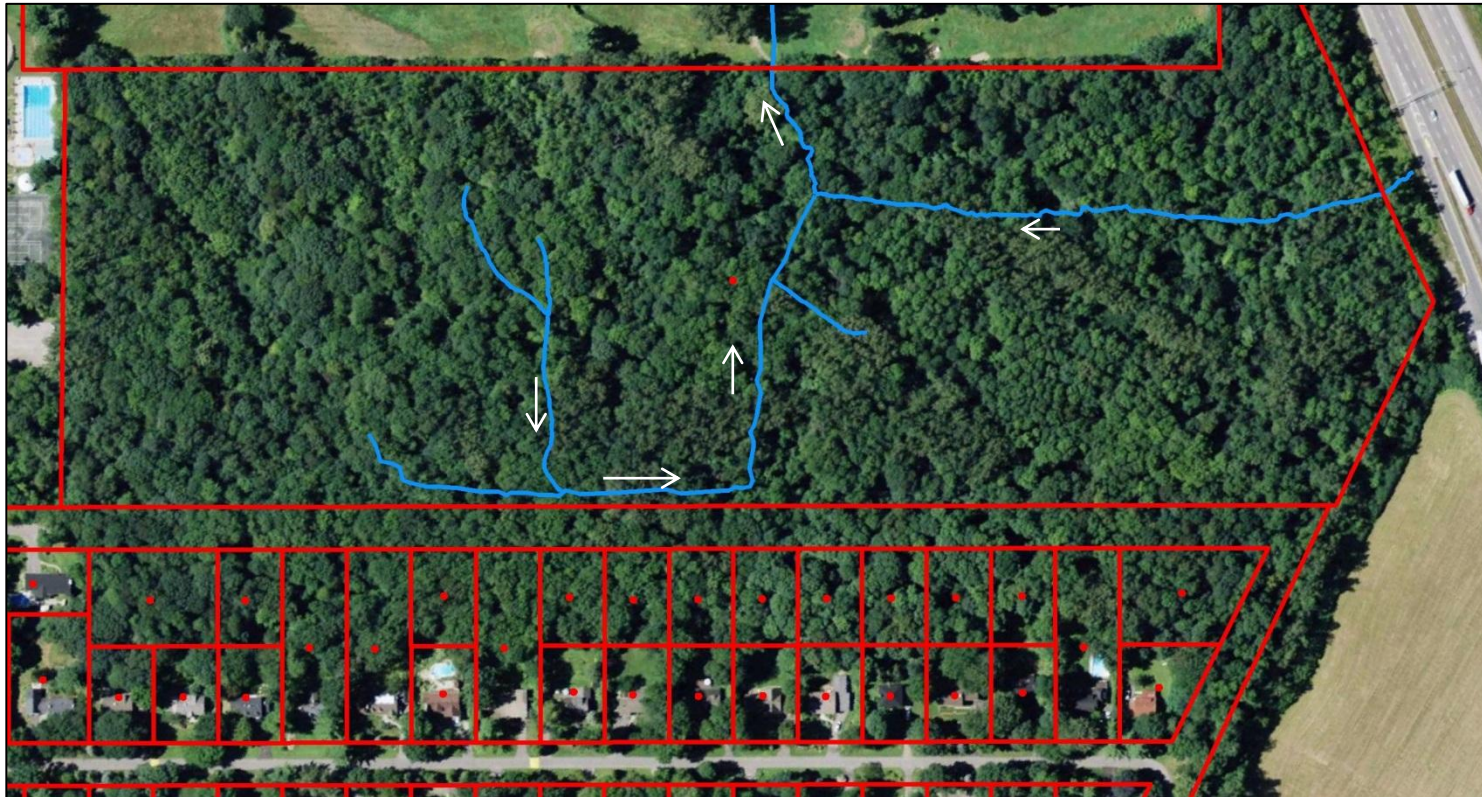


1. **Summary of environmental studies**
2. **Compensation concept**

STREAMS



Streams according to Montreal and MDDELCC



STREAMS



High water line delimitation

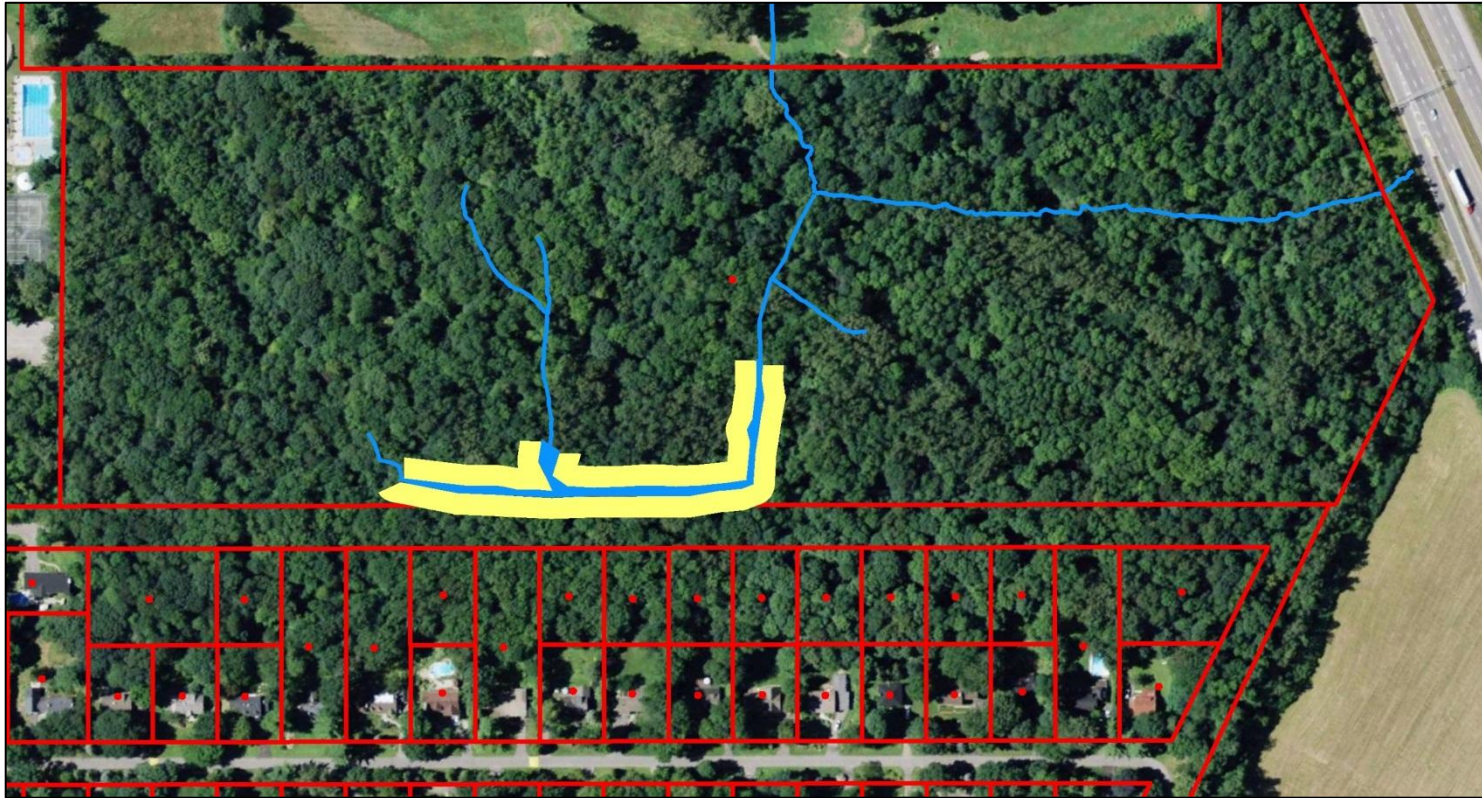


May 5th 2015

STREAMS



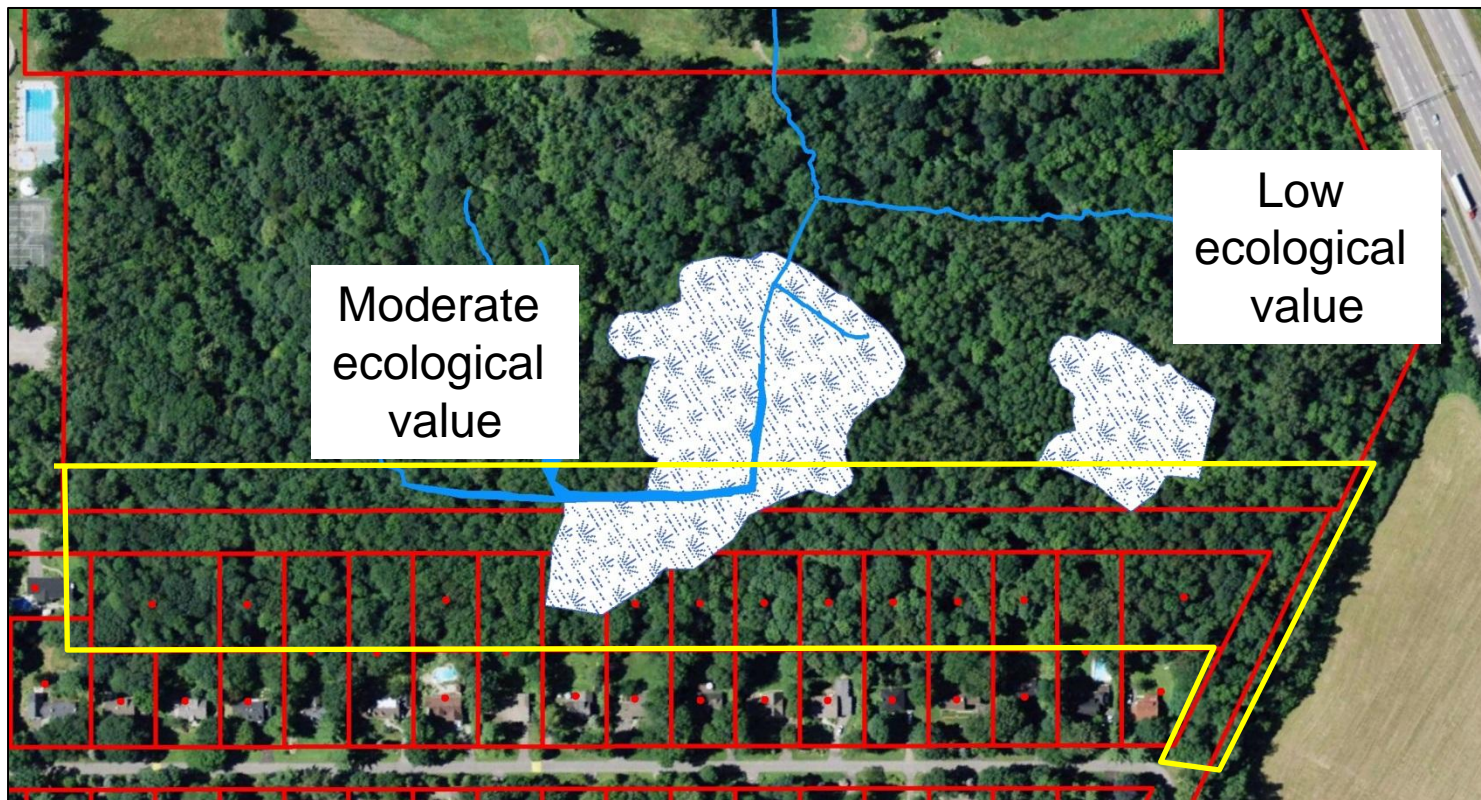
10 m riparian buffer zone



WETLANDS



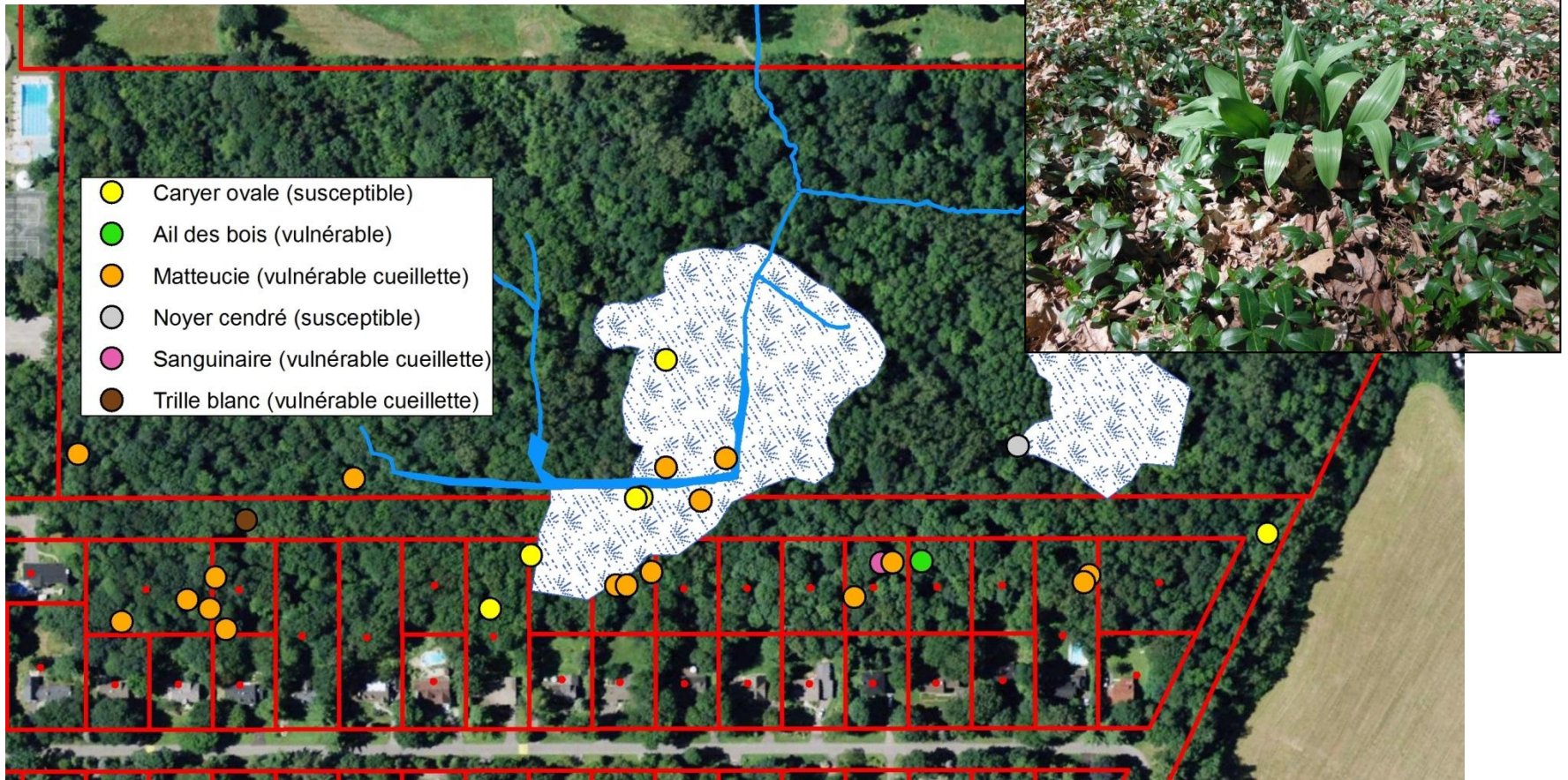
Wetlands identified in 2015 with new MDDELCC methodology



ENDANGERED PLANTS



6 endangered plant species observed

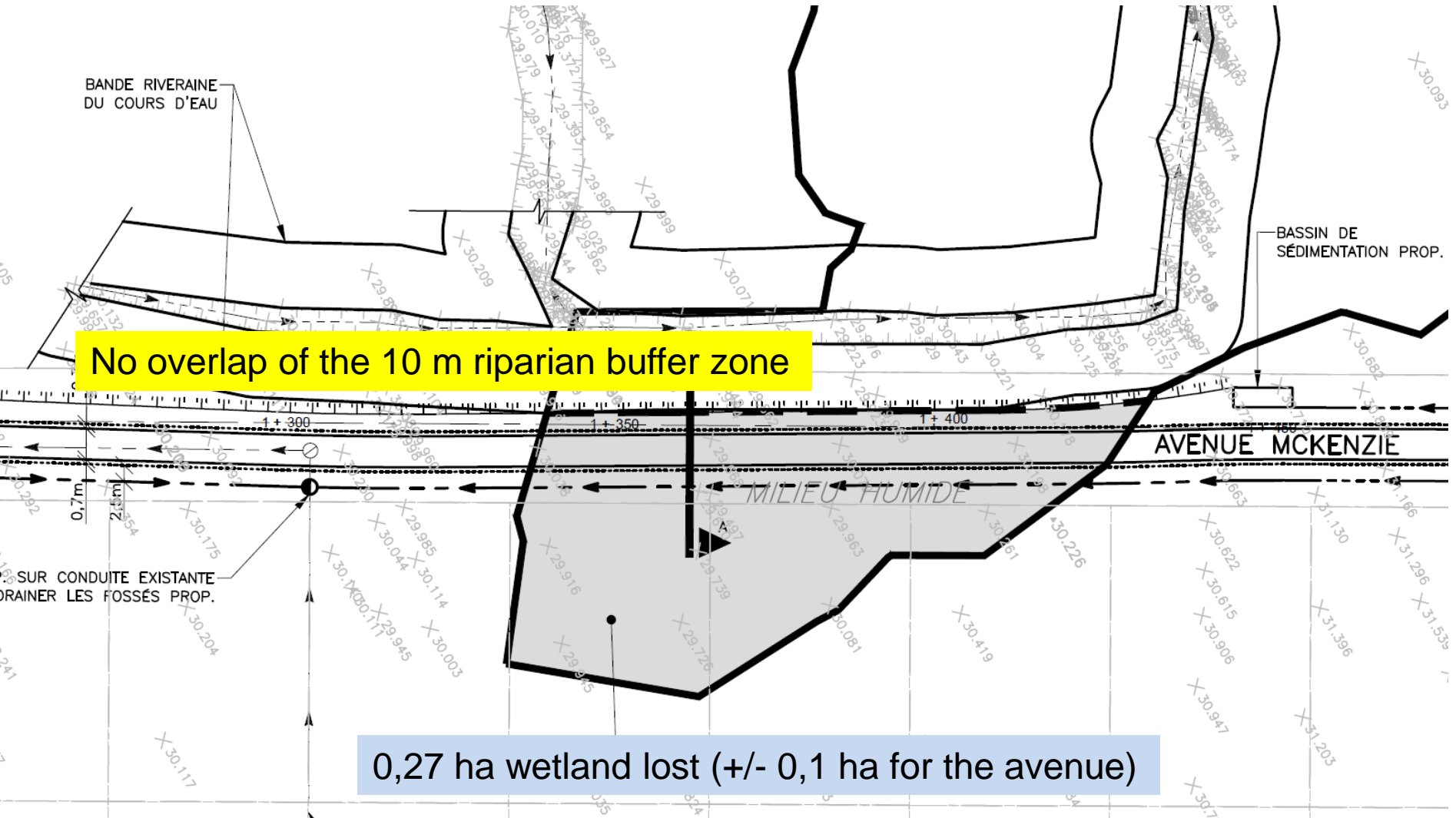


ENDANGERED ANIMALS



- No information from CDPPNQ & MFFP databases
- No endangered animals observed

PRELIMINARY PLANS



PROJECT ANALYSIS



AVOID → MINIMIZE → COMPENSATE

- Overlap of the 10m stream riparian buffer zone **avoided** by shifting the avenue inside the cadastral limits
- Unable to avoid wetland, **minimization** of perturbation by ensuring residual wetlands will continue to receive sufficient water
- Loss of wetlands requires **compensation** replacements

COMPENSATION



Possibilities are :

- Land conservation
- Re-naturalization of disturbed habitat

Best option is partial acquisition of McGill land

- For acceptation by MDDELCC, need to prove that proposed conservation is an environmental gain

COMPENSATION



Compensation concept proposed

