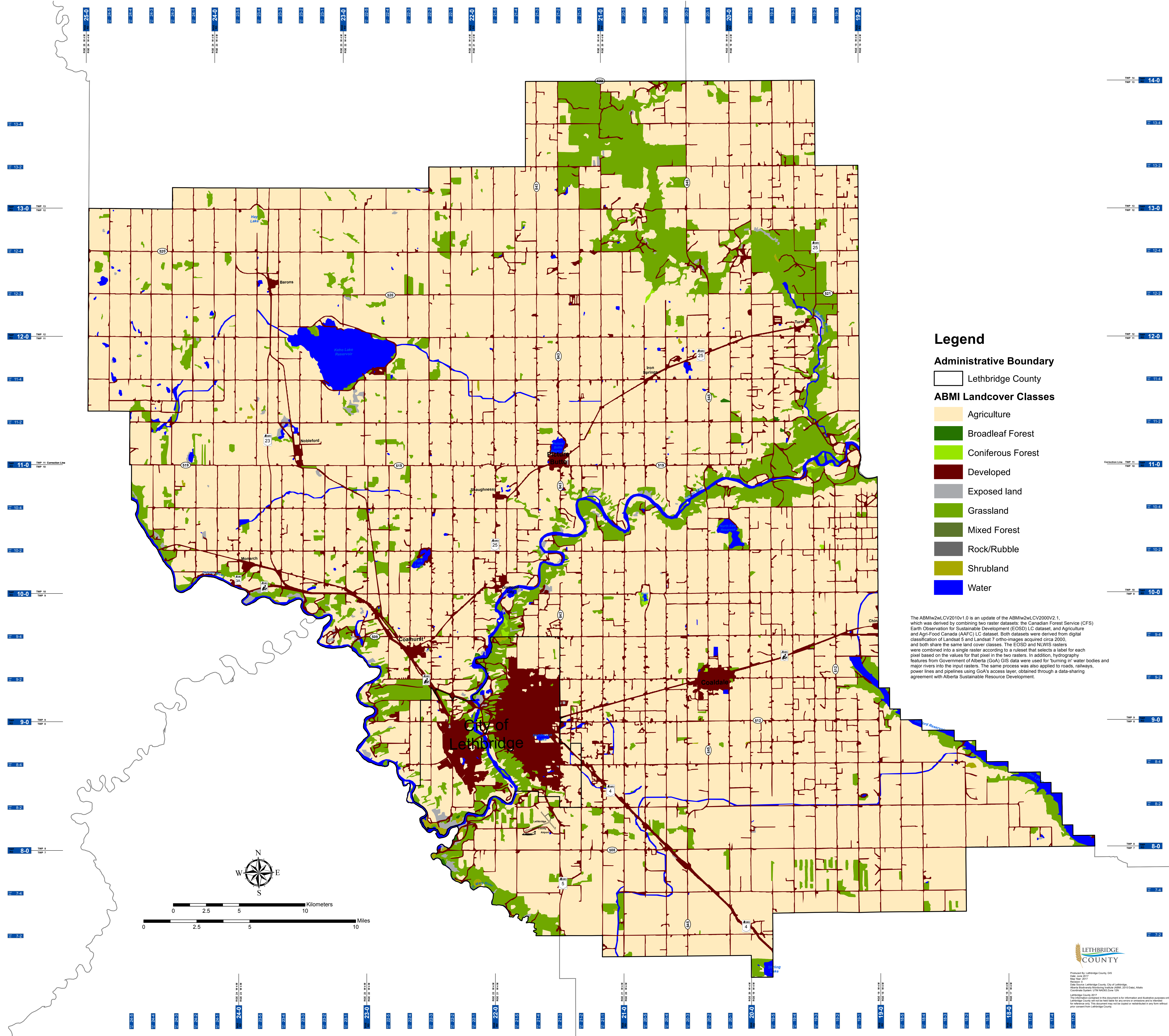


LANDCOVER CLASSIFICATION - LETHBRIDGE COUNTY



The ABMIw2wLCV2010v1.0 is an update of the ABMIw2wLCV2000V2.1, which was derived by combining two raster datasets: the Canadian Forest Service (CFS) Earth Observation for Sustainable Development (EOSD) LC dataset, and Agriculture and Agri-Food Canada (AAFC) LC dataset. Both datasets were derived from digital classification of Landsat 5 and Landsat 7 ortho-images acquired circa 2000, and both share the same land cover classes. The EOSD and NLWIS rasters were combined into a single raster according to a ruleset that selects a label for each pixel based on the values for that pixel in the two rasters. In addition, hydrography features from Government of Alberta (GoA) GIS data were used for 'burning in' water bodies and major rivers into the input rasters. The same process was also applied to roads, railways, power lines and pipelines using GoA's access layer, obtained through a data-sharing agreement with Alberta Sustainable Resource Development.