Wisconsin Collaborative Response Plan for Cases of Potential Zoonotic Tuberculosis

**Confirmed pulmonary MTBC case reported to LHD and WTBP**
- Patient samples cultured, tested for susceptibility
- Was isolate resistant to PZA?
  - Yes: Isolate sent to CDC for genotyping or molecular testing
  - No: Patient treated with standard TB drug regimen
- Was isolate identified as *M. bovis*?
  - Yes: WTBP and LHD consult with patient’s health care provider to determine appropriate drug regimen
  - No: WTBP notifies DATCP
- WTBP coordinates LHD follow-up
- LHD conducts patient interview
- Is patient from a TB-endemic region?
  - Yes: LHD begins contact interviews and TB screening
  - No: LHD notifies WTBP
- Do any contacts test positive for TB infection or disease?
  - Yes: LHD notifies animal owner
  - No: LHD notifies WTBP
- Has patient or his/her contacts been in close contact with livestock?
  - Yes: LHD notifies WTBP
  - No: LHD reports no animal contact involved in primary case or case contacts

**Confirmed case of animal TB**
- DATCP notifies WTBP
- DATCP and DNR conduct animal TB risk assessment
- Is there concern for interspecies TB transmission?
  - Yes: DATCP and DNR notify WTBP, may proceed with animal investigation for surveillance purposes
  - No: DATCP notifies WTBP, who will coordinate coworker testing with LHD
- DNR conducts wild animal TB testing
- DATCP and USDA veterinarians conduct domestic animal TB testing

**Abbreviations**
- CDC – Centers for Disease Control and Prevention
- DATCP – Wisconsin Department of Agriculture, Trade and Consumer Protection
- DNR – Wisconsin Department of Natural Resources
- LHD – Local public health department
- MTBC – *Mycobacterium tuberculosis* complex
- PZA – Pyrazinamide
- TB – Tuberculosis
- USDA – United States Department of Agriculture
- WTBP – Wisconsin Tuberculosis Program