Public Health Tuberculosis (TB) Logic Model

**Inputs**

Human Resources:
- Tuberculosis Team
- Partnership Resources:
  - Integrated Tuberculosis Services
  - PPH Surveillance Team
  - Hospitals
  - Contracted Pharmacies
  - Labs
  - FNIHB
  - Other Regions
    - Interlake-Eastern
    - Southern Health-Santé Sud
    - Prairie Mountain Health Board
    - Northern Health

Financial Resources:
- Manitoba Health
- FNIHB

**Outputs**

- PPH Surveillance Team
- Integrated Tuberculosis Services
- Manitoba Health
- FNIHB
- WRHA Programs Hospitals
- Contracted Pharmacies
- Labs
- Other Regions
  - Interlake-Eastern
  - Southern Health-Santé Sud
  - Prairie Mountain Health Board
  - Northern Health
- Community Agencies

**Tuberculosis Disease Case Management**
- Care coordination to enable completion of medical treatment and care
- Consultation to stakeholders on TB prevention and management
- Provide and support direct observed therapy

**Contact Investigations**
- Determine scope and parameters of investigations to identify contacts
- Prompt identification of contacts to TB disease
- Identify, assess and support timely referral for assessment of TB disease or LTBI or Window Period Prophylaxis

**Outbreak Investigations**
- Early detection
- Lead and coordinate outbreak investigations
- Mobilize Humans Resources
- Communicate with affected communities and health resources
- Implement and influence control measures

**Support treatment of Latent Tuberculosis Infection (LTBI)**
- Support, assessment, referral and monitoring for people being treated for LTBI

**Partnerships and collaboration**
- Participate as a member of ITBS
- Provide consultation, education and support to community health and social service providers, agencies and communities

**Surveillance**
- Data collection and entry
- Analysis of data
- Interpretation of data
- Dissemination

**Purpose:** The Tuberculosis team works in partnership with others to maximize responsiveness to TB prevention and management

**Goal:** To coordinate and deliver safe and caring TB prevention services that promotes health and well-being and reduce burden of disease.

**Short**

- Reduced TB transmission by people with TB disease

**Outcomes**

**Medium**

- Appropriate treatment and isolation for people with TB disease
- Early identification of TB disease and LTBI
- TB outbreaks detected
- Resources for outbreaks are mobilized
- Populations deemed as priority for LTBI complete treatment
- Role clarity and understanding amongst partners
- Accurate and timely data is available

**Long**

- People with TB disease complete treatment, defined as at least 80% of treatment completed within 3 months of projected treatment length
- Positive client and family experience
- Decreased progression to active TB disease
- Increased capacity for TB prevention and care built across Manitoba
- Program, policy, practice and partnerships are evidence-informed
- Prevention of community spread of TB