



**2019 Key Accomplishments**  
**ASB/Agriculture & Environmental Protection Services**

- **Functional Municipal Integrated Pest Management Program**
  - 1) Public Education/Awareness
  - 2) Cultural, e.g. hand pulling, deadheading, etc.
  - 3) Mechanical, e.g. mowing
  - 4) Chemical, herbicide application
  - 5) Bio Control, e.g. bio control agents
  
- **Productive season, accomplished by two seasonal staff and full time Ag Fieldman**
  - 1) 243 residential /commercial vegetation inspections completed, as a result of these, 22 Inspectors Notices were issued, with 6 non-compliant.
  - 2) Receiving notification of Alberta One Call ticket numbers allowed inspection of excavation activity giving this department the opportunity to track invasive species movement due to ground disturbance (320, 1<sup>st</sup> Call tickets reviewed, as a result eight of these reviews required "Cause for Concern" response).
  - 3) Conducted 8 Community Public Education Events/Workshops.
  - 4) 91 work applications completed, the result of this work activity included 781 bags of terrestrial invasive weeds hand pulled, bagged and taken to the landfill, with a combined weight of 3,520 kilograms.
  - 5) Urban populated bed & shore/riparian zone reclamation of over 2 kilometres (13,000m<sup>2</sup>) of mitigation of sensitive riparian/aquatic areas which improves water quality and community aesthetics.
  - 6) Remedial action, planted a combined total of 191, shrubs, bushes and trees, as well as 10 kilograms of harvested native grass seed within the two kilometers of bed & shore and riparian

zone areas. This type of restoration will assist with bank/soil erosion control, bank stabilization and riparian/aquatic mitigation, all of which improves water purity.

- 7) Ground squirrel control on municipal controlled property, removing approximately 171 squirrels.
- 8) Aquatic invasive water monitoring, included monitoring for zebra/quagga mussels at two locations, conducting 14 inspections.
- 9) Responded to 56 pest complaints, consisting of agricultural pests such as skunks, ground squirrels, pocket gophers and pack rats.

- **2019 ASB Provincial Conference**

As a result of a presentation given by our Fieldman at the 2019 ASB Provincial Conference, "Use of Alberta First Call", as a method of control/movement of terrestrial invasive weed species. This has impacted the entire Province. Municipal Districts & Counties are now utilizing this medium/program which has proven to be a very successful tool for vegetation management.

- **Municipal Managed Property, Contracted Services (Prime Spray Contractors)**

- 1) Lonsbury Application Ltd., conducted 231 applications of vegetation control in the Municipality of Crowsnest Pass through Blairmore, Coleman Sentinel, Bellevue, Frank, Hillcrest & Passburg, approximately 860.00 man hours. Contract work involving chemical control is randomly inspected by the Ag Fieldman, monitoring all chemical used, which must be registered for specific use and in compliance with the Pesticide Code of Practice and comply with the Environmental Protection & Enhancement Act & Regulations.

- **MOU's (Memorandum of Understanding), Vegetation Control Contracts**

- 1) Volker Stevin/Department of Transportation, contract managed and monitored by the Agricultural Fieldman (monitored same as above as municipal contracted services).
- 2) Canadian Pacific Railway, contract managed and monitored by the Agricultural Fieldman (monitored same as above as municipal contracted services).
- 3) TransCanada Pipeline (urban ROW), contract managed and monitored by the Agricultural Fieldman (monitored same as above as municipal contracted services).