

Accomplishments 2019

Employee Development and Safety

- We held regular monthly safety/staff meetings at the Eco Centre, landfill and transfer stations
- Performed Eco Centre and Landfill Orientations for all new commercial/business users.
- Our Staff participates in a Safety Incentive program. We had a very good year for safety with several improvements that staff worked hard for.
- We received funding from Alberta's STEP Grant for 3 students for the summer. All 3 students were assets to the company, and we look forward to them returning for the summer of 2020.
- The Alberta Care Spring Conference in High River on February 27th to March 1st was attended.
- A Bio Cover Workshop on February 5th. In Leduc was attended by the General Manager.
- Waste Expo in Las Vegas from May 6th to May 9th was attended by the General Manager. This was an excellent opportunity to explore new technologies, forge new alliances and learn how other communities and countries manage their recycling and waste.
- We attended the SWANA Spring Conference in Winnipeg on May 18th to May 24th.
- We had 2 staff members take the SWANA Landfill Fire Training Course held in Grande Prairie.
- We had one staff member take the Landfill Operator Basic Course held in Grande Prairie.
- An Illegal Dumping Workshop in Edmonton that was hosted jointly with SWANA and the RCA on June 10th was attended, and information was brought back to the PRWMC Board.
- An independent company conducted an AMHSA Safety Audit on August 22 to 28th. This audit is required in order to obtain our COR certification. We expect to have our COR Certification early in 2020.

Site and Operation Improvements

- We continue to remove plastic bales from the Eco Centre site to be placed at the landfill for storage until markets improve or we find an alternative use.
- The TOPR Fall and Spring and Fall Cleanups took place at the Eco Centre again this year. We were able to improve efficiencies this year to reduce costs and increase convenience for our residents.
- The Northern Sunrise County Spring and Fall cleanups were very successful again this year.
- Our metal recycler baled our metal pile twice this year. They hauled away 314 tonnes for recycling.
- We rented a wood shredder twice this year and shredded our clean wood pile. We shredded and repurposed about 745 tonnes in 2019.
- We purchased a concrete breaker attachment for the Bobcat. This enabled us to break down the large concrete pieces of concrete as we received them to lessen costs for the next time, we must rent a crusher.
- A new Roll Off Truck was purchased in order to handle the increased volumes of Transfer Station Waste as well as the Spring and Fall Cleanup volumes.
- Three new 30 yd roll off bins were purchased. This is to keep our inventory of bins in good working condition.
- We purchased 2 used 400-barrel tanks to replace 2 that needed expensive repairs.
- We purchased a new Polaris Ranger and a deck over trailer to replace the ones stolen in June.
- We had a drone survey completed to determine available airspace in all phases of the landfill.
- Wi-Fi and security cameras have been installed in all shops and scale buildings.
- We hauled about 11,713 m³ of leachate out of our landfill for treatment and disposal.
- Landfill staff worked on several ideas and trials for leachate evaporation. We had some success, so we invested in a large evaporator that works well.
- All ground water and environmental monitoring has been done. There are no issues to report. The Annual Waste Management Report and the Annual

- Groundwater Monitoring Summary Report were completed and submitted to Alberta Environment and Parks.
- We had the annual calibrations done on both scales. We had scale 1 rewired and updated to improve its reliability.

New Waste Diversion Strategies

- We switched Electronic Recycling service providers and signed a 2-year contract with GEEP. They will accept and recycle more electronic items and we will receive more revenue than our previous service provider could offer us.
- We worked with the town and recycle haulers to reduce the amount of contamination in loads of all types of recycling.
- Extensive investigation has been done by the General Manager and Board into alternative waste management strategies such as Waste to Energy.

Design and Approval Process of a New Greenzone Class II Landfill

- Cutlines for ground water monitoring and a staging area have been logged. The logs were sold to a local mill.
- Wells for ground water monitoring were drilled with casings installed for continuous monitoring throughout the life of the landfill.
- There are 43 wells at 25 different locations. Some locations have nests of 2-3 wells others are just single wells. We currently conduct tests to measure hydraulic conductivity of the clay beneath the surface.
- Three deep water wells of 130 feet were drilled in order to determine soil type and ground water levels.
- A legal land survey has been completed.

Public Education

- We collaborated with the Town of Peace River to create a series of 11 Public Service Announcements to promote recycling and bring awareness of the waste management services available within our partner boundaries. These are posted on our website and will be featured on our social media accounts throughout the year.

- The PRWMC Strategic Plan was reviewed and revised.
- We participated in the Peace River Chamber of Commerce Spring Trade Show April 5th and 6th.
- We participated in the Northern Sunrise County Spring Residents meeting on April 8th.
- A great deal of time was invested in investigating alternative waste management strategies. Most of the effort was to investigate Waste to Energy companies. Several facilities were visited and evaluated to see if their technologies will work at our facility.
- We hosted the Alberta Care Fall Conference from September 4 to 6th. We had 152 people attend the 2 ½ day conference from all over Alberta. Demonstrations took place at the landfill for scrap metal baling and waste shredding.
- Hosted a tour of the Eco Centre and facilities for the PRWMC Board Members in April.
- We hosted several tours at the Eco Centre throughout the year.

Administration and Contracts

- PRWMC was selected by Canada Revenue Agency for a GST and Public Service Body Rebate Audit for the period of January 1st. 2017 to March 31st. 2019. The Auditor was here for the week of May 27th to May 31st.
- The 2018 Financial Audit was completed.
- We signed a 2-year contract with GEEP. They are an Electronics Recycling Service provider that works with Alberta Recycling Management Authority and Alberta Care. As of September 11th, they have rebranded to Quantum Lifecycle Partners LP.