
APPENDIX K
Greenhouse Gas Emissions, Water Conservation and Waste Management Plan



1.0 Introduction

Fibreco has been on the North Shore for nearly 40 years. In that time Fibreco has strived to ensure that the environment is a priority. Our goal is to continually reduce waste, water consumption, lower Greenhouse Gas Emissions and Energy use.

2.0 Greenhouse Gas Emission Reduction Plan

Fibreco continually makes great effort to reduce the carbon footprint. Currently Fibreco has the following policies in place;

- Since 2014, all new non-road diesel equipment will be Tier 3 or better
- All Diesel is low Sulphur fuel.
- No idling policy for ALL vehicles on site.
- The use of local North Shore business will be given preference.
- New structures will consist of the best thermal efficiencies where practical.

The exit from the wood chip handling business and railyard will also lend itself to reduced Greenhouse Gas Emissions.

- No longer using the Komatsu D-275 Bulldozers for receiving or shipping (the largest user of diesel on site)
- Install of railcar indexer will reduce the amount of fuel required per tonne when receiving railcars.
- The Terminal Enhancement Project will include the installation of fixed electric welding outlets in key locations to reduce the need for portable diesel welding machines.

3.0 Water Conservation Plan

Effort to reduce water usage is an organizational goal for Fibreco. Site wide water use has been reduced by 30% since 2013 as part of the overall operating plan. Since the commissioning of the Phillips Avenue overpass (July 2016), the carwash use has been reduced by approximately 30%. Initiatives to further reduce water usage include but are not limited to:

- Discontinuing the use of water wash down between commodity changes (air will be used instead)
- Refined conveyor transfers and dust collection to improve housekeeping requiring less water for clean up.
- Reduction of need for misters due to improved transfers and dust collection.
- The planting of drought resistant species to reduce the need for landscaping.

4.0 Waste Management

Fibreco currently has a waste management program in place. Several local waste disposal companies assist in the management of our waste. Recycling programs include;

- Metal recycling
- Used oil and grease tubes / filters / drums / oil rag recycling
- Green waste (yard scraps, woodchips, pellet spills)
- Plastic containers and bags
- Paper products (including cardboard)
- Organics
- Coffee grinds (k-cups)
- Copy toner
- E-waste (computers, monitors, cables etc)
- Glass
- Solvents
- Paint and aerosol cans
- Tires and rubber belting
- Gas cylinders (propane, welding gasses)
- Electric motors are rebuilt
- Gearboxes and shafts are re-machined
- Light bulbs, lighting fixtures and batteries are recycled at approved facilities.

Waste products are picked up on regular and 'as-needed' schedules.

Employee coveralls are cloth where applicable and laundered versus disposable.

Future considerations include, collecting wood dust from bag houses for alternative disposal. Collecting agri dust from baghouses and spillage for the local feed market.