



RESIDENTIAL SOLID WASTE RFID PROJECT

**RESIDENTIAL GARBAGE
COLLECTION IN PRINCE GEORGE
WILL BE ENHANCED WITH AN
RFID TRACKING SYSTEM TO
HELP IMPROVE CUSTOMER
SERVICE.**

**AN RFID TAG WILL BE INSTALLED
ON YOUR CURBSIDE GARBAGE
CART DURING A COLLECTION
DAY BETWEEN MAY 27TH AND
JULY 5TH, 2019**



One of over 23,000 curbside residential garbage carts within the City of Prince George.

PROJECT OVERVIEW

The City of Prince George will be installing Radio Frequency Identification (RFID) tags on all household garbage carts as part of a new Residential Solid Waste RFID system. Each of the City's garbage collection trucks will be equipped with the technology to read the garbage cart RFID tags, take photographs of carts during collection, and report exceptions such as a broken, overflowing or missing cart for improved customer service and solid waste management.

WHAT IS AN RFID

A RFID tag is much like a barcode as it uniquely identifies an object for inventory and data management. RFID tags are commonly used for airline luggage, tickets or other retail goods and transfer data through the use of radio waves with no radiation. The RFID system will provide the City of Prince George with information about each residential garbage cart within the solid waste collection system. Once installed, the garbage cart RFID tags will not result in any changes to the overall use or cart performance for the end user.

BENEFITS OF AN RFID SYSTEM

The City has over 23,000 residential garbage carts in use throughout the City which has a total replacement value of over \$1.5 million. The Residential Solid Waste RFID system will provide City Operations with an improved solid waste management tool to increase route efficiencies, lessen the carbon footprint, and enhance customer service such as ensuring that no curbside garbage cart is missed on collection day. The RFID system will help the City work with residents to increase bylaw compliance and divert recyclables from the landfill.

PRIVACY CONCERNS

Residents may have a number of concerns over the privacy of garbage collection through the new Residential Solid Waste RFID system. All residential garbage carts are owned by the City of Prince George and the information which is collected through the Residential Solid Waste RFID system is held in a secure digital server and is kept confidential by the City of Prince George. Photographs that are collected through the RFID system also use a technology to blur out any imaging that may capture personal information such as people or vehicles for confidentiality.

COSTS & FUNDING

The implementation of the Residential Solid Waste RFID system will cost around \$10 per cart and has been funded through the City's Capital Expenditure Plan.

RFID TAGGING

RFID tags will be installed on all residential garbage carts during a scheduled collection day between May 27th and July 5th, 2019.

Please ensure that your cart is available at the curbside on collection days during this period.



FOR MORE INFORMATION

Visit the 'Garbage Collection' section www.princegeorge.ca or call 250.561.7600