



**Solid Waste Management Review**  
**Final Report**

January 21, 2022

Prepared for:

Municipality of Red Lake

Prepared by:

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Project Number: 111475259

## SOLID WASTE MANAGEMENT REVIEW

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### Executive Summary

A waste management services inventory and review were undertaken for the Municipality of Red Lake (Red Lake). Information reviewed included financial records, waste hauling and collection records, contracts, and regulatory information. The results indicate that Red Lake is currently offering many waste and recycling services including: curbside collection and disposal of waste/co-mingled recycling; and storage/recycling services offered through drop-off at the waste transfer station (WTS) for tires, household hazardous waste (HHW), e-waste, used oil/filters, appliances, pressurized tanks, compact fluorescent bulbs, batteries, and scrap metal. Disposal services are also offered for low-leachate materials, clean wood, and contaminated soil/construction material. When reviewing services offered by other municipalities in the area, Red Lake offers a greater number of waste disposal and recycling services, with a hazardous waste depot accepting a variety of materials year-round. Overall, Red Lake's waste disposal services were above average for recyclables and HHW, and average for regular waste and organic waste.

A public engagement survey was advertised through existing online platforms (social media, website) and received a total of 67 responses (1.6% response rate). Responses indicated that 48% of participants do not regularly use the curbside waste services, and 31% of participants do not regularly use the curbside recycling services. Many participants (76%) reportedly choose to drop off materials / regular garbage at the WTS, largely due to reasons of convenience. Although participants indicated a relatively high level of satisfaction with current services (88% responded to be satisfied or neutral for both waste and recycling collection), the survey pointed to several suggested areas for improvement, primarily related to increasing composting, recycling glass, increasing the convenience of curbside collection services, re-opening the used items room at the WTS, and changing fee structures for bagged waste.

Based on the results of the information review and public engagement activities, waste management service improvements were explored, including:

- improving curbside collection services through changes to fee structure or service provider adjustments to increase convenience
- improving recycling uptake through public messaging and offering bulky item pick-up
- increasing eligible divertible materials (e.g., mattresses and glass)
- improving composting through promotion of backyard composting and through provision of a municipal compost service
- re-considering opening the re-use items area; or alternatively, promoting other waste re-purposing initiatives (e.g., Buy Nothing Project, "Free Weekends", Facebook auctions)

Cost-saving and cost-efficiency opportunities were also explored. Several cost efficiencies were identified including increasing composting (up to \$39,157 in annual savings), reducing waste drop off at the WTS (up to \$8,000 in annual savings), and increasing the use of producer responsibility organizations (up to \$192,700 in annual savings for blue box materials and \$825 for HHW). In addition, an immediate



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service efficiency was found in transitioning from Emterra to GFL for co-mingled recycling processing (\$30/tonne and accepting glass), resulting in a cost savings of approximately \$10,000 annually. The percentage of total service delivery expenditures reviewed that identified cost savings was \$254,884 out of \$1.1 million (23.5%).

With an understanding of available service improvements and efficiencies, conceptual level costing, and potential available partnership opportunities with First Nations in the region, three options for a long-term waste management strategy for Red Lake were explored. These included maintaining the status quo, developing a new site on provincial lands, and developing an expansion to the existing Site. Although developing a new site on provincial land may be the preferred option for Red Lake, this option may not be possible due to the government policies currently in place (Government of Ontario Policy No: PL 4.08.01 (2019)) where a land use permit cannot be obtained for a waste disposal ground on provincial lands. In the absence of a land use permit (LUP), the Municipality (or partner) would be required to purchase the intended waste disposal/management site at market value. For both the waste site development and waste site expansion options; an environmental approval process would need to be undertaken, as it is expected that the site would require >40,000 m<sup>3</sup> of capacity. This process would include assessments and field investigations to obtain an Environmental Compliance Approval (ECA) under the *Environmental Protection Act, 1989* and a separate assessment/consultation process (Individual Environmental Assessment) to obtain approval under the *Environmental Assessment Act, 1990*. With identified efficiencies included, all three options resulted in net operational costs for Red Lake's waste services to be reduced from approximately \$746,000 per year to approximately \$564,000 per year.

Based on a review of the applicable regulatory information and discussion with Red Lake it is anticipated that a new site on provincial lands continues to be the preferred option. Ongoing discussions with federal and provincial regulators, as well as First Nations, is required to develop this plan further.



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### Abbreviations

CFL	compact fluorescent
C of A	Certificate of Approval
ECA	Environmental Compliance Approval
EPA	Environmental Protection Act
EPRA	Electronic Products Resources Association
GFL	Green For Life
ha	hectare
HHW	household hazardous waste
ISC	Indigenous Services Canada
kg	kilogram
km	kilometre
L	litre
m <sup>3</sup>	cubic metres
m	metre
MECP	Ministry of the Environment, Conservation and Parks
MTSA	municipal type service agreement
PRO	producer responsibility organization
RPRA	Resource Productivity and Recovery Authority
TOR	Terms of Reference
WDS	waste disposal site
WTS	waste transfer station



# SOLID WASTE MANAGEMENT REVIEW

Introduction  
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## 1.0 INTRODUCTION

Stantec Consulting Ltd. (Stantec) was retained by the Municipality of Red Lake (Red Lake) to complete a review of their waste and recycling management services. The purpose of the project was to assist Red Lake in conducting an inventory of solid waste management services and reviewing current solid waste management practices to evaluate opportunities for improved waste diversion. The goal of the project was to identify potential efficiencies and best practices to improve the solid waste management and to review regulatory processes to develop a long-term waste management strategy for Red Lake.

### 1.1 OBJECTIVES

Red Lake currently spends an average of approximately \$1.1 million annually on waste management services. A substantial amount of the overall annual waste management budget (approximately 41% or \$446,000) is spent on staffing the recycling program and hauling and tipping fees associated with the transportation of waste to the Township of Ear Falls (Ear Falls), Ontario and recyclables to the City of Winnipeg (Winnipeg), Manitoba. Waste and recyclables are compacted and loaded for transport, which contributes to costs through personnel and equipment hours. Red Lake is concerned about the substantial investment in both financial and personnel resources that the current system requires and believes the system may not be sustainable over the long-term; therefore, a review of waste management services was undertaken. The objectives of this review were to compile an inventory of Red Lake's waste management services and records, compare these services to other jurisdictions to identify improvements and/or gaps (if any), and to evaluate Red Lake's financial capacity to undertake the identified improvements. In addition, the review was aimed at identifying opportunities for cost-savings and efficiencies, as well as reviewing regulatory information and proposing a long-term (30+) year waste management strategy that would be self-sustaining.

### 1.2 BACKGROUND

Red Lake is located in northwestern Ontario (off Highway 105), approximately 568 kilometres (km) by road from Thunder Bay. Primary industries include forestry, mining, and outdoor recreation (Red Lake 2016a). Red Lake consists of six small communities, including Balmertown, Cochenour, Madsen, McKenzie Island, Red Lake and Starratt-Olsen, and has an estimated population of 4,107; population has fluctuated with mining development (Statistics Canada 2017). The land area of Red Lake comprises approximately 625 square kilometers (Red Lake 2016b).

Red Lake owns and operates a solid waste management facility, which is located within the municipal boundaries, on Highway 125, between Red Lake and Balmertown, Ontario (UTM coordinates 15U 447619 m E, 5654416 m N) herein referred to as the "Site" (**Appendix A, Figure 1**). The Site is approximately 9.2 hectares (ha) in size within a total property area of approximately 24.3 ha. The Site was historically used as a waste disposal site (the Balmertown Waste Disposal Site [WDS]) under Environmental Compliance Approval (ECA) No. A600903; the WDS reached its approved capacity of 200,000 cubic metres (m<sup>3</sup>) and was subsequently capped and closed in 2017. A waste disposal





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expansion area with a total capacity of 40,000 m<sup>3</sup>, was constructed for the disposal of low-leachate generating material and a waste transfer site (WTS) was established on the Site for the temporary storage of all remaining accepted waste materials and recyclables.

### 1.2.1 Information Review

A site visit was conducted on October 28, 2021, to review the current WTS and waste expansion area facilities and storage areas, and to gain an understanding of waste disposal practices and procedures. Informal interviews were also conducted with municipal staff at the WTS at the time of the site visit. This information was reviewed, along with the following documents, provided by Red Lake:

- Financial records (budget variance reports for revenues and expenditures for waste and recycling from 2017-2021).
- ECA A600903 and Amendment for the Balmerton WDS and the WTS.
- Waste Management System Certificate of Approval (C of A) 2986-5VEHQZ.
- Red Lake By-Law No. 87-2016 (Contract with Chukuni Sanitation for curbside waste and recycling collection).
- Township of Ear Falls By-Law No. 2342-21 (Contract with Ear Falls for waste disposal).
- Emterra Price List for co-mingled recycling.
- Municipal hauling records for waste and recycling (2017-2021).
- Municipal records for divertible materials' rebates.



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### 2.0 REGULATORY CONTEXT

Historically, under the *Environmental Protection Act*, 1990 O. Reg 101/94, municipalities in northern Ontario with a population of at least 15,000 were required to establish, operate and maintain a blue box recycling system, if the municipality owned or operated a waste management system accepting waste from the public. Although not required by law due to a population <15,000, Red Lake operated a recycling system to reduce costs associated with waste disposal. In 2016, the Government of Ontario passed the *Resource Recovery and Circular Economy Act*, 2016, S.O. 2016, c.12, *Schedule 1 (The Circular Economy Act)* transferring responsibility for the management of certain wastes to the producers of those waste materials and away from provincially and municipally funded stewardship programs. Under the *Circular Economy Act*, the regulatory authority also transitions to the Resource Productivity and Recovery Association (RPRA). The waste materials transitioning to a producer responsibility framework include:

- Batteries, under Ontario Regulation 32/20: Batteries.
- Blue box materials, under Ontario Regulation 391/21: Blue Box.
- E-waste, under Ontario Regulation 522/20: Electrical and Electronic Equipment.
- Hazardous products, under Ontario Regulation 449/21: Hazardous and Special Products.
- Tires, under Ontario Regulation 225/18: Tires.

The transition of the management of these waste materials to producer responsibility was largely complete in October 2021, with the exception of the Blue Box program for household recycling (anticipated transition to occur for Red Lake October 2023) and the new management requirements for lighting (anticipated to begin in January 2023). With the new regulatory framework, many producers have chosen to establish contracts with existing producer responsibility organizations (PROs) to provide collection, management, and administrative services to help meet their regulatory obligations under the applicable regulations for the management of their materials.

Red Lake currently uses the services of the following PROs registered with the RPRA for the management and recycling of materials:

- Call2Recycle for household battery recycling.
- E-tracks for tire recycling.
- EPRA for recycling of electronic waste.

Another consideration for Red Lake is Bill 146, which is the *Organic Waste Diversion Act*. This was brought to the provincial legislature in 2010 and proposed that organic material be banned from landfills in Ontario. The bill proceeded to the Standing Committee on General Government for review/study. At this time, Bill 146 does not provide any specifics or guidance on how municipalities are to comply; however, should it pass, it would likely require municipalities to provide curbside collection and processing of organic waste. Currently, organic waste programs exist primarily in larger municipalities in Ontario. The nearest compost processing facility to Red Lake is located near Thunder Bay (Eco-Depot Waste Diversion) and is currently under construction.



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### 3.0 CURRENT OPERATIONS

#### 3.1 WASTE DISPOSAL EXPANSION AREA

The waste disposal expansion area is currently operated under ECA A600903 (**Appendix B**).

Low-leachate generating waste currently approved for disposal in the WDS expansion area includes:

- Construction and demolition waste, including asbestos.
- Wood ash from on-site burning.
- Plastics (high density polyethylene pipe, acrylonitrile butadiene styrene, polyvinylchloride, tarps).
- Rubber (hoses, liners, belting, felt).
- Approved contaminated soil and construction material (e.g., asbestos) from within the boundaries of Red Lake.

Residential and commercial clients who bring low-leachate material to the Site for disposal are charged a tipping fee of \$0.25 to \$0.30 per kilogram (kg; **see Appendix C, Fees**). Contaminated soil and construction material is also accepted at the Site for a tipping fee of \$0.75/kg plus any costs associated with disposal. It should be noted that contaminated soil is only accepted if a certificate of approval from a laboratory is provided confirming that the material is suitable for disposal at the Site. The WDS expansion area is currently managed through weekly compaction and covering. Cover material used at the Site consists of excess soil from the Public Works Department of Red Lake, wood mulch, approved contaminated soil, and ashes from on-site burning of clean wood/yard waste. Dried sludge from the Red Lake wastewater sludge drying beds is also accepted as cover material for the adjacent (closed) waste disposal area.

#### 3.2 WASTE TRANSFER STATION

The WTS consists of a weigh scale, a scale-house, three covered buildings for waste and recyclable materials storage, and a ramp/bin wall system. The WTS is on the same Site (adjacent) as the waste disposal expansion area operates under the same ECA as the WDS (ECA A600903). Current operating hours for the WTS are described in Table 3-1 below:

**Table 3-1 WTS Operating Hours**

Days	Operating Hours
Tuesday to Wednesday	10:00 AM to 4:00 PM
Thursday	Closed to the public (open to maintenance staff)
Friday	10:00 AM to 4:00 PM
Saturday	10:00 AM to 4:00 PM (including household hazardous waste)
Sunday to Monday	Closed



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The WTS is currently open for residential and commercial customers to dispose of waste materials for a fee (tipping fee or bag tag charge). Wastes currently accepted at the WTS include the following (see **Appendix D, Photo Log**):

- Regular household and commercial waste.
- Co-mingled recyclable packaging (e.g., paper, cardboard, plastics, and metal).
- Scrap metal.
- Used tires.
- Used batteries (household and commercial).
- Household hazardous waste (HHW; e.g., used oil, oil filters, compact fluorescent (CFL) lightbulbs, paint, aerosol cans, propane tanks).
- Appliances (e.g., fridges, stoves).
- Electronic waste (e.g., TVs, cellphones, computers).
- Low-leachate materials (e.g., construction waste).
- Clean wood and yard waste.

Clean wood, yard waste, scrap metal, electronic waste, private vehicle tires, and co-mingled recyclables are currently accepted at the WTS free of charge. General non-divertible waste, items containing freon (e.g., refrigerators), HHW (described in **Appendix C**), contaminated soil/construction material, and derelict vehicles are charged a disposal fee as outlined in the Schedule of Fees (**Appendix C, Fees**). Customers who drop off materials at the WTS are required to drive to the scale house where the Site Attendant will inspect the load; customers will then drive onto the scale with their load or affix a bag tag to each bag dropped off (as applicable). Customers are then directed by the Site Attendant to drop off their materials at the designated area. Hopper bins (in a covered building) are located at the entrance of the WTS to facilitate convenient drop off. Once the hoppers are nearing capacity, Site personnel unload the hoppers into larger roll off bins/disposal areas. Waste that is too large/heavy for customers to drop into the hoppers are directed to the ramp/bin wall and disposed of directly into roll-off bins (or for large scrap metal, a concrete pad). Appliances, tires, and HHW are disposed of in designated areas at the entrance of the Site, where the Site Attendant loads them into the appropriate shipping containers/storage areas. Customers then proceed to the scale-house to pay for any applicable tipping charges and exit the Site. Photos of the WTS material storage areas are provided in **Appendix D**.

## 3.3 WASTE TRANSFER PROCESSES

### 3.3.1 Non-Divertible Waste

Non-recyclable waste that does not meet the low-leachate requirements outlined in Section 3.1 is currently transferred by either Red Lake or Chukuni Sanitation to the Ear Falls WDS for disposal. This waste, when it is dropped off to the WTS, is stored in a 40 yard roll-off bin that is filled and compacted to the extent practicable by municipal staff using a front-end loader with ram attachment. Once the bin is nearing capacity (approximately 1-2 times per week), it is transferred by Red Lake to the



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Ear Falls WDS, located approximately 70 km south of the WTS by road, off Highway 105 and in the Township of Morely, District of Kenora. Waste is disposed of at a tipping rate of \$39.95/m<sup>3</sup>. Between 2018 and 2021, the amount of waste dropped off at the WTS and hauled by Red Lake from the WTS to the Ear Falls WDS ranged from 421,968 kg/year to 521,720 kg/year. The total tipping fees charged by Ear Falls in 2021 were projected to total \$108,250, which is indicative of approximately 2,710 m<sup>3</sup> of waste transferred in a year (by the curbside program and drop-off combined).

#### 3.3.1.1 Co-mingled recycling

Co-mingled recyclables are stored at the WTS in a covered building and are loaded by municipal staff into a 53 ft (110 yd<sup>3</sup>) trailer with an internal, hydraulically operated compactor unit. Once the trailer is nearing capacity, it is transferred to the Emterra facility, which is located approximately 485 km southwest by road from Red Lake, in Winnipeg, Manitoba, where it is subsequently sorted and processed for markets. Loads of recyclables typically range from 15-18 tonnes and are transferred approximately 1-2 times per week. The processing of co-mingled recyclables is currently charged a tipping fee of \$180/tonne. Between 2017 and November 2021, the amount of recycling hauled for processing ranged from 269,710 kg/year to 387,000 kg/year resulting in annual tipping charges ranging from \$22,299.71 to \$54,859.02 per year. The fluctuation in costs was partially attributed to rate fluctuations and switching vendors from Cascades Recovery (Cascades) to Emterra in 2019 to expand eligible recyclable materials. Currently, compaction of co-mingled recycling increases the efficiency of the system by reducing the number of trips required to haul the material, resulting in cost savings of approximately 46% (\$57,480 annually; Red Lake 2016b); however, tipping fees are charged on a weight basis and therefore greater compaction does not result in reduced tipping charges under the current arrangement. Red Lake receives some support from the Ontario government to operate the co-mingled recycling program; however, the amount received in support has decreased each year from \$118,042 (2017) to \$28,766 (2020) and is anticipated to be phased out with the regulatory changes to producer responsibility under the *Circular Economy Act*

#### 3.3.1.2 Scrap metal

Scrap metals are stored at the WTS in a dumpster bin and larger scrap metals are stored on an adjacent concrete pad. Scrap metals are loaded into a trailer and transferred by municipal staff to General Scrap, which is a facility located in Springfield, Manitoba, approximately 482 km southwest by road from Red Lake. Loads are transferred approximately two times per month with an average of 6,570 kg per load. From 2017 to 2021, the amount of scrap metal transferred to General Scrap ranged from 53,240 kg to 168,365 kg, resulting in annual payments (revenues) ranging from \$6,245 to \$31,993. The current payment rate from General Scrap is based on current markets and the characteristics of the load (mixed, loose, and dumped).

#### 3.3.1.3 Household hazardous waste

HHW such as used oil, used oil filters, gas cylinders, CFL lightbulbs, and large batteries, are stored at the WTS in a designated hazardous waste area. The HHW area is partially covered, and gated, with operating hours every Saturday from 10:00 am to 4:00 PM. The covered area contains a concrete pad



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with floor drain and shelving, steel drums on pallets, and totes for the storage of liquid hazardous waste and drums for CFL lightbulbs. The uncovered area contains a concrete pad with pallets for the storage of gas cylinders (e.g., propane tanks) and large batteries. Used oil and liquid hazardous waste is currently collected by Tervita Corporation (Tervita) or Green For Life (GFL) Environmental Inc., and all other HHW, are collected by a local contractor, PGE on an as-needed basis. In 2017 and 2018, large quantities of liquid hazardous waste of an unknown volume were transferred to GFL or Tervita for processing and disposal resulting in disposal charges ranging from \$428 to \$24,933 (approx. 90% estimated to be used oil). Payments were received for car batteries in 2017 and 2018, respectively, resulting in revenues of \$430 and \$63. Given that materials are stored until a full load can be taken, quantities for 2019 to 2021 were not provided. Expenses for other tanks, batteries, and freon containing appliances ranged from \$27,30 to \$7,034 annually. Tracking of hazardous waste quantities in 2019 to 2021 showed that approximately 1,739 to 4,801 units (e.g., single containers, cans etc.) of household hazardous waste were transferred. Expenses for tanks, batteries, and freon containing appliances

Household batteries are collected at the Municipal office, at the WTS scale house, and at Wilson's Business Solutions in Red Lake; batteries are collected in cardboard boxes provided by Call2Recycle (a PRO, currently registered with the RPRA), and are placed in bags with ends taped, as recommended by Call2Recycle. Boxes are ordered by municipal staff on an as-needed basis. No charges are incurred for battery shipping or disposal and therefore quantities of household battery recycling are not currently tracked.

#### **3.3.1.4 Appliances**

Appliances that contain freon, such as used fridges, freezers and air conditioners, are currently stored at the WTS in a designated area and are loaded by municipal staff into a shipping container on a regular basis. When the shipping container is nearing capacity, it is collected by a local recycling contractor, PGE, for freon removal (if applicable), and recycling. The WTS currently charges \$40 for fridges, freezers, and other items containing freon. From 2019 to 2021, records for disposal charges for items containing freon were tracked with HHW (\$2,730 to \$7,034).

#### **3.3.1.5 Tires**

Used tires are currently stored at the WTS in a designated area (shipping container) adjacent to the HHW storage building. Tires are received at the WTS during regular hours and are stacked in rows in the shipping container by municipal staff on a regular basis. When the shipping container is nearing capacity, it is collected by E-tracks, a PRO currently registered with the RPRA. Up to 10 passenger and light truck tires per year from any person are accepted at the WTS with or without rims removed. From 2019 to 2021, between 2,131 and 3,335 kg of tires per year were accepted at the WTS. No disposal fees are incurred by Red Lake for the disposal of tires.

#### **3.3.1.6 Electronic waste**

E-waste is currently accepted at the WTS free of charge. E-waste is stored in cardboard totes on wood pallets adjacent to the co-mingled recyclables and in a covered building. Once nearing capacity



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(approximately 22 pallets full), the waste is collected by the Electronic Products Recycling Association (EPRA), a PRO currently registered with the RPRA. Acceptable electronic products collected under the current recycling program are described in **Appendix E**. Between 2018 and 2021, the total e-waste collected from the WTS ranged from 9,120 kg to 17,024 kg per year. No disposal fees are incurred by Red Lake for the disposal of e-waste. The current payment rate under this program is based on current market values. Between 2017 and 2021, payments to Red Lake for E-waste ranged from \$1,204 to \$7,383 per year.

### 3.4 CURBSIDE COLLECTION PROGRAM

Red Lake operates a curbside collection program for waste and recycling. Waste accepted through the curbside collection program require bag tags, while recycling collected through the program are exempt from charges. Waste collected through the program is dropped off at the Ear Falls WDS and recycling is dropped off at the WTS. The curbside program collects residential and commercial waste on a weekly basis and co-mingled recycling on a bi-weekly basis. Most residents receive curbside collection service on scheduled routes to the following communities: Red Lake, Balmertown, Cochenour, Madsen, McKenzie Island, and Chukuni. The curbside collection program is currently contracted to a local contractor, Chukuni Sanitation. For the curbside collection of waste, residents/commercial clients are required to purchase and affix a bag tag to each waste bag and place the bags, covered, within 1 m of the curbside on the day of collection. Each bag is required to be no more than 120 L capacity and securely tied, weighing no more than 15 kg. Bags are not permitted to be out the day before collection under the current arrangement. Chukuni Sanitation waste records indicate that approximately 728 m<sup>3</sup> (296,922kg) of waste was collected through the curbside waste collection program in 2020. For the curbside collection of recyclables, eligible recyclable materials are required to be segregated and placed co-mingled loose in a container within 1 m of the curbside on the day of collection. Shredded paper is required to be bagged in a clear blue or transparent bag.



## 4.0 WASTE PROJECTIONS

### 4.1 POPULATION PROJECTIONS

Red Lake had a population of 4,107 in 2016, a marginal 13.7% decrease from 4,670 in 2011. This equates to an average decrease of 2.74% per year over the previous five-year period (Statistics Canada, 2016). The population in Red Lake has historically fluctuated with mining and other developments and therefore, current (2021) population was assumed to be 4,107. As part of the development of a long-term waste strategy for Red Lake, three growth scenarios are represented over four time periods – 2021 (present), 2031 (10 years), and 2041 (20 years) and 2051 (30 years) (Table 4-1).

- Low growth – a 0.6% growth rate is used as the low population projection, reflecting the approximate growth in Red Lake per year from 2006 to 2011.
- No growth – 0% for no growth population projection.
- Medium decline – a 2.7% reduction rate is based on current population trends from 2011 to 2016.

**Table 4-1 Growth Scenarios for the Municipality of Red Lake**

Time Period	Low Growth (0.6%)	No Growth (0%)	Medium Decline (-2.7%)
2021 (present)	4,107	4,107	4,107
2031 (10 years)	4,360	4,107	3,111
2041 (20 years)	4,629	4,107	2,356
2051 (30 years)	4,914	4,107	1,784

To be conservative in the 30-year projections for the long-term waste management strategy, the low growth scenario will be used; therefore the 30-year population projection is 4,914.

### 4.2 PROJECTED WASTE GENERATION

From 2018 to 2020, the average annual diverted waste (recycling, steel, e-waste, tires, oil) generated was approximately 463,600 kg/year. Using an estimated population of 4,107, the average waste generation of diverted waste between 2018 and 2020 was approximately 113 kg/person/year. With a co-mingled recycling density of approximately 154 kg/m<sup>3</sup> (Environmental Protection Agency [EPA] 2016), the resulting waste generation rate is 0.73 m<sup>3</sup>/person/year. For non-diverted waste, Red Lake previously tracked waste placement in the Balmertown WDS, with reported values of 3,300 m<sup>3</sup>/year (Red Lake, 2012); therefore, with a 2012 population of approximately 4,670 (Statistics Canada, 2017), the waste generation rate for non-diverted waste is approximately 0.71 m<sup>3</sup>/person/year. Table 4-2 presents the projected waste generation for both diverted and non-diverted waste and the low growth scenario. With the reported waste generation rates, approximately half of the waste generated is diverted.





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Waste Projections

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**Table 4-2 Projected Waste Generation for the Municipality of Red Lake**

Time Period	Low Growth (0.6%)	Total diverted waste (m <sup>3</sup> /yr) <sup>1</sup>	Total non-diverted waste (m <sup>3</sup> /yr) <sup>2</sup>	Total waste and recycling generated (m <sup>3</sup> /yr)
2021 (present)	4,107	2,998	2,916	5,914
2031 (10 years)	4,360	3,183	3,096	6,279
2041 (20 years)	4,629	3,379	3,287	6,666
2051 (30 years)	4,914	3,587	3,489	7,077
<p>Notes:</p> <p><sup>1</sup>The volume of waste is calculated assuming a bulk density of 155 kg/m<sup>3</sup> as the waste stream is primarily co-mingled recycling</p> <p><sup>2</sup>Calculated based on previously reported values of 3,300 m<sup>3</sup>/year (Red Lake 2012)</p>				



## SOLID WASTE MANAGEMENT REVIEW

Public Engagement Results  
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### 5.0 PUBLIC ENGAGEMENT RESULTS

#### 5.1 WASTE HABITS

A link to an online public engagement survey was posted by Red Lake on the Municipality's social media and communications webpages from December 22, 2021 to January 5, 2022. A total of 67 people responded to the survey (1.6% of the population). Completed surveys are provided in **Appendix F**. Given the relatively low participation rate and considering that participation was voluntary, it is acknowledged that the survey results do not necessarily represent the views of the population as a whole.

The survey results indicated that on average, 0.6 bags of waste are disposed of per person per week, resulting in an approximate bagged waste generation rate of 234 kg/person/year, assuming an average waste bag weight of approximately 7.5 kg (U of W n.d). This estimate roughly aligns with the waste quantities hauled to Ear Falls in 2021 (210 kg/person/year). The results indicated that approximately 1 bin of recycling are put out per person per week, resulting in a recycling generation rate of 244 kg/person/year, assuming the average density of recycling is 154 kg/m<sup>3</sup> (EPA 2016).

Approximately half (48%) of the participants indicated that they do not regularly use the curbside waste collection service, with the reasons being that they prefer to take waste to the WTS primarily because of convenience. A total of 11% of participants indicated they are unsatisfied with the current waste collection service. Several inconveniences with the curbside waste collection service were indicated including:

- Not feasible for shift workers.
- Too many issues with the contractor not taking waste (weight restrictions, blanketing, etc.).
- Forgetting/not wanting to worry about bag tags.
- Cheaper/easier to take waste to WTS.
- Birds and animals scavenging.

The majority (76%) of participants indicated that they regularly drop off waste at the municipal WTS with the primary wastes dropped off being household garbage (79%), bulky items (62%) and construction waste (43%). The majority (73%) of participants indicated they were satisfied with the WTS operations.

#### 5.2 RECYCLING HABITS

All (100%) of participants indicated that they participate in recycling, with the majority of recyclables generated being co-mingled plastics/packaging (95%), metal cans (77%) scrap metal (40%) and e-waste (34%). The majority (69%) of participants indicated that they regularly use the municipal recycling collection service. A total of 12% of participants indicated that they are unsatisfied with the curbside recycling collection service. For those participants that indicated they do not use this service, many cited reasons of inconvenience including:

- Forgetting about collection day.
- Simpler and easier to take to the WTS instead.



## **SOLID WASTE MANAGEMENT REVIEW**

### **Public Engagement Results**

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- Too many bears/birds in the area.
- Collection is not frequent enough.
- No bins at apartment blocks or in their area.

The majority (65%) of participants indicated that they regularly drop off recyclables at the municipal WTS. For recyclables drop-off at the WTS, the majority of materials included co-mingled recycling (78%), scrap metal (37%) and e-waste (35%).

### **5.3 COMPOSTING**

The majority (58%) of participants indicated that they do not practice backyard composting. The reasonings for not practicing backyard composting were largely related to concerns with attracting animals, not having enough knowledge, not having enough space or not knowing what to do with finished compost, and it being unappealing or too much work.

### **5.4 AREAS FOR IMPROVEMENT**

The majority of participants (67%) offered suggestions for improvement to the current waste and recycling services, summarized as follows:

- Re-opening the used item section at the WTS.
- Recycling more items (e.g., glass).
- Recycling pickup to occur more frequently.
- Reducing the cost of bag tags, or eliminating this system and moving to a system that is covered with taxes.
- Municipal composting pickup or countertop solution for composting.
- Extending WTS hours.
- Offering a once per year large item pickup.
- Providing a recycling deposit return (such as milk jugs) as a way to improve recycling uptake.

Red Lake is looking to improve services, where practical and financially feasible; therefore, the public engagement feedback was considered in the evaluation of potential service improvements and is discussed in greater detail in Section 1.0.



## SOLID WASTE MANAGEMENT REVIEW

Results: Inventory of Services

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### 6.0 RESULTS: INVENTORY OF SERVICES

An inventory of the waste management services offered in Red Lake, including services for collection, storage, and disposal, are categorized by waste type and summarized in Table 6-1 below.

Table 6-1 Inventory of Waste Management Services in Red Lake

Waste Category	Waste material	Service Offered	Current Service Provider	Location of Service	Frequency of Service
Household Waste	Co-mingled recyclables	Collection	Chukuni Sanitation	Curbside	bi-weekly
		Storage	Red Lake	WTS	ongoing
		Transportation	Red Lake	WTS to Winnipeg	1-2 loads per week
		Disposal	Emterra	Winnipeg	1-2 loads per week
	Regular garbage	Collection	Chukuni Sanitation	Curbside	weekly
		Storage	Red Lake	WTS	ongoing
		Transportation	Red Lake	WTS to Ear Falls	1-2 loads/week
		Disposal	Ear Falls	Ear Falls WDS	1-2 load/week plus curbside collection
	Low-leachate material	Collection	Not provided	Not provided	n/a
		Storage	Red Lake	Balmertown WDS expansion	ongoing
		Disposal	Red Lake	Balmertown WDS expansion	ongoing
	Fridges/appliances	Collection	Not provided	Not provided	n/a
		Storage	Red Lake	WTS	ongoing
		Transportation and Disposal	PGE	off-site	as needed
	Scrap metal	Collection	Not provided	Not provided	as needed
		Storage	Red Lake	WTS	ongoing
		Transportation	Red Lake	WTS to Winnipeg	1-2 loads/month
		Disposal	General Scrap	Winnipeg	As needed
	Tires	Collection	Not provided	Not provided	n/a
		Storage	Red Lake	WTS	ongoing
		Transportation and Disposal	E-Tracks	off-site	as needed



## SOLID WASTE MANAGEMENT REVIEW

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Waste Category	Waste material	Service Offered	Current Service Provider	Location of Service	Frequency of Service
Household Hazardous Waste	E-waste	Collection	Not provided	Not provided	n/a
		Storage	Red Lake	WTS	ongoing
		Transportation and Disposal	EPRA	Winnipeg	as needed/on call (22-24 pallets)
	Batteries-large	Collection	Not provided	Not provided	n/a
		Storage	Red Lake	WTS	Saturdays (10-4)
		Transportation and Disposal	PGE	off-site	as needed
	Batteries-household	Collection	Not provided	Not provided	as needed
		Storage	Red Lake	Scale-house/municipal office	ongoing
		Transportation	Canada Post paid by Call2Recycle	Red Lake	as needed
		Disposal	Call2Recycle	Winnipeg	as needed
	Miscellaneous liquid household hazardous waste	Collection	Not provided	Not provided	n/a
		Storage	Red Lake	WTS	Saturdays (10-4)
		Transportation and Disposal	Tervita/GFL	Red Lake to Winnipeg	as needed
	Used oil	Collection	Not provided	Not provided	n/a
		Storage	Red Lake	WTS	Saturdays (10-4)
		Transportation and Disposal	Tervita/GFL	Red Lake to Winnipeg	as needed/when in town
	Propane tanks	Collection	Not provided	Not provided	n/a
		Storage	Red Lake	WTS	Saturdays (10-4)
		Transportation and Disposal	PGE	Red Lake to off-site	as needed
	Aerosol cans	Collection	Not provided	Not provided	n/a
		Storage	Red Lake	WTS	Saturdays (10-4)
		Transportation and Disposal	Tervita/GFL	Red lake to Winnipeg	as needed
	Contaminated Material	Collection	Not provided	Not provided	n/a
		Storage	Not provided	Not provided	n/a
		Disposal	Red Lake	Balmertown WDS expansion	as needed
	Pesticide containers	Collection	Not provided	Not provided	Saturdays
		Storage	Red Lake	WTS	Saturdays (10-4)
		Transportation and Disposal	Tervita/GFL	Red Lake to Winnipeg	as needed
	CFL Lightbulbs	Collection	Not provided	Not provided	n/a
		Storage	Red Lake	WTS	Saturdays (10-4)
		Transportation and Disposal	PGE	Red lake to off-site	as needed
	Biomedical Waste	Collection	Not provided	Not provided	n/a
		Storage	Red Lake Pharmacy	516 Highway 105	ongoing



## SOLID WASTE MANAGEMENT REVIEW

### Results: Inventory of Services

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Waste Category	Waste material	Service Offered	Current Service Provider	Location of Service	Frequency of Service
		Transportation and Disposal	HPSA	Woodbridge, Ontario	as needed
Organic Waste	Branches/ clean wood/yard waste	Collection	Not provided	Not provided	n/a
		Storage	Red Lake	WTS	ongoing
		Disposal	Red Lake	Balmertown WDS expansion	weekly (Thursday)
	Christmas Trees	Collection	Chukuni Sanitation	Curbside	once per year
		Storage	Red Lake	WTS	once per year
		Disposal	Red Lake	Balmertown WDS expansion	weekly (Thursday)

In addition to the waste management services outlined in Table 7-1, Red Lake also provides waste re-use services indirectly through the following organizations and initiatives including:

- Re-usable clothing and other items in good condition re-purposed through 2nd Chance Thrift Store and Encore Kidz Warehouse.
- Curbside Trash to Treasure Days for free items in good condition.
- Ink and laser printing cartridges can be returned to Wilson's Business Solutions.
- Single use plastic shopping bags can be dropped off for re-use at the 2nd Chance Thrift Store and Encore Kidz Warehouse.
- Liquor, beer, and wine containers can be returned to the Beer Store or Balmertown Food Fair for a refund.



## SOLID WASTE MANAGEMENT REVIEW

How Red Lake Compares

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### 7.0 HOW RED LAKE COMPARES

To evaluate Red Lake's waste management services relative to other jurisdictions, the services of three other Canadian municipalities in northwestern Ontario were examined and used to determine an average service level for benchmarking. The three municipalities selected for the benchmarking exercise were Sioux Lookout, Dryden, and Greenstone. The municipalities were selected based on geographical proximity to Red Lake, population, and industry characteristics. The characteristics of these municipalities relative to Red Lake are described in Table 7-1 below:

**Table 7-1 Characteristics of Municipalities Selected for Benchmarking**

Municipality	Population <sup>1</sup>	Distance from Red Lake (km)	Major industries
Red Lake	4,107	0	Outdoor tourism, mining
Sioux Lookout	5,272	169	Forestry, health services
Dryden	7,749	153	Outdoor tourism, pulp and paper
Greenstone	4,636	474	Forestry, mining

<sup>1</sup>Statistics Canada (2016) population estimate

To compare the service levels for each waste material the following factors were considered:

- Whether the material is accepted for disposal.
- Whether commercial volumes are accepted for disposal.
- The frequency at which it is accepted.
- Applicable restrictions for each waste material to be accepted.

### 7.1 HOUSEHOLD WASTE AND RECYCLING SERVICES

For household waste, the three Municipalities offer comparable services to Red Lake, including offering both curbside collection and disposal at the local WDS. For co-mingled recycling, Red Lake services were deemed to be above average given that Greenstone does not offer a recycling program, and Sioux Lookout accepts co-mingled recycling through curbside collection only (no drop-off option at the WDS). For appliances containing freon, Red Lake also offers above average service levels, as the other three municipalities only accept these appliances with freon already removed. Relative to the other three municipalities, scrap metal disposal services were deemed to be average, given that Sioux Lookout and Dryden also accept this material for free to residents. Tire disposal services were also deemed to be average in Red Lake, given that Sioux Lookout and Dryden also accept these for free, up to a max, while Greenstone charges \$5-\$340, depending on the size of the tire. The results of the analysis are presented in Table 7-2 below.

Overall, Red Lake scored **average** for household waste and **above average** for household recycling services. When comparing fees for regular waste disposal, Red Lake's services are relatively inexpensive compared to other municipalities. Sioux Lookout charges \$0.10 more per bag tag, implements a minimum



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### How Red Lake Compares

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fee of 50 kg (\$7.80) for tipping waste at the WDS, and does not accept bagged waste. Dryden charges a similar bag tag fee as Red Lake (\$2.50 each); however, there is a \$20.00 minimum disposal fee for bulk waste dropped off at the WDS compared to \$2.50 in Red Lake.

**Table 7-2 Household Waste Service Comparison**

Waste Material	Sioux Lookout	Dryden	Greenstone	Average Service Level	Red Lake Service
Co-mingled recycling	Bi-weekly curbside collection only; no drop-off	Bi-weekly curbside collection; free drop-off; commercial drop-off \$100/tonne	No curbside service, no co-mingled recycling program	Free curbside collection	<b>Above Average</b>
Regular (non-divertible) waste	Accepted at WDS for tipping (50 kg min) fee; \$157.66/tonne); accepted curbside \$2.60 /tag	Accepted at WDS for tipping fee (\$110/tonne); accepted curbside and drop-off \$2.50 /tag	Weekly curbside collection (no bag tags), drop-off at WDS (free to \$807.83)	Curbside collection with bag tags or drop-off for a tipping fee	Average
Low-Leachate material	Accepted at WDS (\$157.66/tonne)	Accepted at WDS (\$110/tonne)	Accepted free at WDS (<1/2 ton); 1x/year bulky item pickup (excl. demo)	Accepted at WDS for a tipping fee	Average
Freon appliances	Accepted at WDS for \$103.01/tonne and freon must be removed	Not accepted	Accepted at WDS for \$50 (tagged and freon removed); 1x/year bulky item pickup	Accepted with freon removed and for a fee	<b>Above Average</b>
Scrap Metal	Accepted at WDS for tipping fee \$103.01/tonne	Accepted free at WDS	Accepted free at WDS; 1x/year bulky item pickup	Accepted free at WDS	Average
Tires	Accepted free at WDS; maximum of 10 per day/person	Accepted at WDS (free) up to 4 per day and \$4 per additional	Accepted at WDS for \$5-\$340; 1x/year bulky item pickup	Accepted free at WDS (up to a maximum)	Average

## 7.2 HHW AND ELECTRONIC WASTE SERVICES

For HHW, the three municipalities offer some comparable services to Red Lake, including offering drop-off disposal options at the local WDS for certain materials, at certain times of the year. For many HHW materials, Red Lake services were deemed to be above average given that the WTS is open year-round and accepts a variety of hazardous wastes. For comparison, Greenstone only accepts HHW on a seasonal basis, while Dryden offers HHW collection only once per year on a designated day. Sioux Lookout has limited HHW disposal services (household batteries and used oil and oil filters) relative to Red Lake.

Overall, Red Lake scored **above average** for HHW waste (Table 7-3); however, it should be noted that although the other municipalities had more limitations to their services, disposal of was largely offered free of tipping charges.





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How Red Lake Compares

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**Table 7-3 HHW Service Comparison**

<b>Waste Material</b>	<b>Sioux Lookout</b>	<b>Dryden</b>	<b>Greenstone</b>	<b>Average Service Level</b>	<b>Red Lake Service</b>
Batteries-large	Not accepted	Accepted at public works yard for free on an annual collection day; residential volume only	Not accepted	Not accepted	<b>Above Average</b>
Batteries-household	Accepted free at municipal sites	Accepted free at municipal sites	Accepted seasonally at WDS; no charge	Accepted (free) at municipal sites, year-round	Average
Household hazardous waste	Not accepted	Accepted at public works yard for free on an annual collection day; residential volume only	Accepted free at WDS, seasonally	Accepted (free) at certain times of the year	<b>Above Average</b>
Used oil/filters	Accepted free at WDS	Accepted at public works yard for free on an annual collection day; residential volume only	Accepted free at WDS, seasonally	Accepted (free) at certain times of the year	<b>Above Average</b>
Propane tanks	Not accepted	Not accepted; can be returned to a local dealer	Accepted free at WDS, seasonally	Not accepted	<b>Above Average</b>
Aerosol cans	Not accepted	Accepted at public works yard for free on an annual collection day; residential volume only	Accepted free at WDS, seasonally	Accepted (free) at certain times of the year	<b>Above Average</b>
Contaminated Material	Accepted at WDS if tested and approved	Not accepted	Accepted for a fee at WDS if tested and approved	Accepted at WDS if tested and approved	Average
Pesticide containers	Not accepted	Accepted at public works yard for free on an annual collection day; residential volume only	Accepted free at WDS, seasonally	Accepted (free) at certain times of the year	<b>Above Average</b>
CFL Lightbulbs	Not accepted	Accepted at public works yard for free on an annual collection day; residential volume only	Accepted free at WDS, seasonally	Accepted (free) at certain times of the year	<b>Above Average</b>
Biomedical Waste	Accepted free at local pharmacies, year-round	Accepted free on an annual collection day; or drop off at local pharmacy year-round	Accepted free at local pharmacies, year-round	Accepted (free) at local pharmacies, year-round	Average
E-waste	Accepted free at WDS	Accepted at another local vendor	Accepted free at WDS or through bulky item pickup (1x/year)	Accepted (free) at WDS	Average

## 7.3 ORGANIC WASTE SERVICES

For organic waste, Red Lake offers similar services to the other three municipalities, with the acceptance of clean wood, branches, and yard waste for free at the local WTS. These materials are typically burned on site and the ashes used as cover material. Although Red Lake offers once/year curbside collection of



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### How Red Lake Compares

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Christmas trees, Dryden offers curbside collection of yard waste on a seasonal basis and Greenstone offers curbside collection as part of an annual bulky item pickup day.

For composting, municipal composting services are currently not offered anywhere in the region.

Overall, Red Lake scored **average** for organic waste services (Table 7-4).

**Table 7-4 Organic Waste Service Comparison**

Waste Material	Sioux Lookout	Dryden	Greenstone	Average Service Level	Red Lake Service
Branches/clean wood/yard waste	Accepted free at WDS	Free seasonal curbside collection; accepted free at WDS	Accepted free at WDS; accepted curbside 1x/year (bulky item pickup)	Accepted free at WDS	Average
Christmas Trees	Free drop-off at WDS	Free drop-off at WDS	Free drop-off at WDS	Free drop-off at WDS	<b>Above Average</b>
Compost	Not accepted at WDS or curbside	Not accepted at WDS or curbside	Not accepted at WDS or curbside	Not accepted at WDS or curbside	Average



## SOLID WASTE MANAGEMENT REVIEW

### Potential Service Improvements

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## 8.0 POTENTIAL SERVICE IMPROVEMENTS

Based on the results of the information review (Section 1.2.1), the public engagement survey (Section 5.0) and the service comparison (Section 7.0); several service improvements have been identified for further consideration, and are summarized below, including:

- Improving the accessibility/convenience of the current curbside waste services (scheduling, bag tags, restrictions).
- Re-opening the re-useable items area at the WTS.
- Improving recycling uptake and knowledge.
- Increasing number of divertible materials (e.g., glass).
- Improving the accessibility/convenience of composting.

Some of the service improvements suggested by the public in Section 5.0 were not considered further, as they do not align with Red Lake's overall goals to reduce costs and resources associated with operation of the WTS. For example, an extension of the WTS hours does not support the overall goal to reduce operational costs and requires personnel resources which are already known to be limited.

In addition, re-opening the re-useable item room at the WTS was not deemed to be feasible, based on operational issues reported by Red Lake. Although some participants indicated that this was a point of pride in the community and that this was perceived as a progressive aspect of Red Lake's waste management system, the re-usable items room has been identified by Red Lake to be a safety concern, an area for congregating and socializing, and has presented WTS staff with challenges in upkeep and maintenance. Furthermore, this area has frequently resulted in conflicts between WTS staff and customers in determining what items were truly re-usable, as some customers would attempt to use this area to avoid paying for waste disposal. Finally, with COVID-19 concerns, having customers congregating in this area is also deemed to be a safety concern at this time. Other initiatives to improve re-usable item sharing, to capture the intent of the re-usable items room without the operational burden are described in Section 8.3 below.

The following sections outline some of the service improvements to be further considered, along with conceptual evaluations Red Lake's financial capacity to undertake the improvements in Section 9.2.

### 8.1 IMPROVING CURBSIDE COLLECTION SERVICES

The public engagement feedback described in Section 5.0 indicated a number of perceived shortcomings with the current curbside collection services, including inconvenient scheduling and inconvenient restrictions (blanketing and bag tags). Other feedback indicated that bringing the waste to the WTS is cheaper/easier than using the bag tag system.

Red Lake is limited in their ability to improve the administration of current curbside collection services, as there are limited locally available contractors, although the contract has not been put to tender in over



## SOLID WASTE MANAGEMENT REVIEW

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10 years. The current service provider is Chukuni Sanitation. GFL also indicated they could provide service for both waste and recycling collection, but this would result in approximately double the cost (**\$600,000 per year**; pers. comm Jewell 2021). This service is automated, with standard rolling carts and presents some conveniences; however, it is not recommended at this time due to cost. With limited known options for service providers available, improvements to the service would need to be discussed and arranged with the current contractor or put out to tender. As described in Section 5.0, there is a public desire to increase the frequency of curbside collection of recycling. Currently, all recyclables (whether collected via curbside or dropped-off) go to the WTS for storage, compaction, and transportation, and as such there is limited financial benefit to Red Lake by increasing frequency of collection for the curbside service, since many residents appear to be accustomed to dropping off recyclable materials (Section 5.0). Furthermore, with the implementation of *The Circular Economy Act* blue box recyclables are anticipated to transition to management by producers, through PROs, which is anticipated to reduce Red Lake's need to manage these items in the future.

In contrast, the curbside waste collection service transports waste directly to Ear Falls for disposal; as such, having residents opting to drop off waste instead of using the curbside service results in additional operational costs and personnel effort for Red Lake to undertake storing, compacting, and hauling waste from the WTS. In 2021, approximately 35% of waste was collected curbside and 65% was dropped-off at the WTS, resulting in a projected cost of \$22,273 in hauling waste from the WTS to the Ear Falls WDS; and an additional \$9,530 was projected to be spent in equipment fuel/oil. Total quantity of waste hauled to Ear Falls from the WTS was 565,000 kg in 2021. These costs could be reduced with an increased uptake in the curbside collection program. As indicated in Section 5.1; approximately 54% of participants indicated they regularly use the curbside waste collection program.

Given the public engagement feedback and current services available regionally, some improvements to improve the uptake of curbside collection over drop-off include:

- Increasing the minimum tipping charge for drop-off of waste at the WTS from 10 kg (\$2.50) to 30 kg (\$7.50). This aligns with fee structures of other municipalities such as Dryden and Sioux Lookout and would discourage the practice of individuals dropping off small loads that could be bagged and disposed of curbside, as it would be more expensive. Those individuals wishing to drop off small loads should be directed to the curbside collection program.
- Phasing out/discontinuing the practice of accepting tagged bags of waste at the WTS and directing individuals to the curbside collection program, along with public messaging so wastes are not dumped elsewhere. This aligns with the fee structure of other municipalities, such as Sioux Lookout.
- Improving the convenience of the curbside waste collection program by discontinuing the bag tag system and rolling these revenues (average of \$111,000 per year) into municipal taxes. This aligns with the fee structure of other municipalities, such as Greenstone.
  - Implementing a standard bin for curbside collection would provide each household a maximum waste allowance per week, with additional waste charged via tipping fees at the WTS.
- Working with Chukuni Sanitation to improve the convenience/scheduling for the curbside collection, including allowing waste to be placed at curbside the night before collection day to accommodate shift workers, and improving services to apartment buildings. Red Lake could also work with Chukuni



## SOLID WASTE MANAGEMENT REVIEW

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Sanitation to identify and provide standard trash containers (with lids) to improve the convenience of waste covering; however, with an estimated cost of \$120 per household, this is not recommended since a different contractor in the future may have different cart/waste covering requirements.

Alternatively, Red Lake could explore purchasing a curbside collection vehicle and taking over the curbside collection of waste to allow for better flexibility in administering the service and better convenience to residents, which could increase uptake.

The capital cost of a new curbside collection vehicle (common 19 m<sup>3</sup> capacity) is approximately \$250,000 (pers. comm. Fortin 2018). Annual operational costs of this option are summarized at a conceptual level below in Table 8-1.

Table 8-1 Conceptual Operational Costs of a Curbside Collection Vehicle

Item	Unit rate	Annual Total Cost
Operators	2 operators x \$30/hour x 40 hours per week	\$124,800
Vehicle replacement cost	Assume lifespan of 10 years	\$25,000
Insurance cost	Desktop estimate <sup>1</sup>	\$5,000
Fuel	\$1.50/liter, fuel economy: 50L/100 km, 350 km/week	\$13,650
Maintenance	Desktop estimate <sup>2</sup>	\$16,000
Total current annual cost		<b>\$184,450</b>
<sup>1</sup> Desktop estimate (Route Ready, 2020)		
<sup>2</sup> Desktop estimate extrapolated to 2022 cost with 3% annual inflation and converted to Canadian dollars (MJB & A 2013)		

With a truck capacity of 19 m<sup>3</sup>, and assuming conservatively that in the future, up to 65% of waste is collected via the curbside program (26 m<sup>3</sup>/week to 31 m<sup>3</sup>/week in 30 years), approximately 2 trips to Ear Falls would be required per week (assuming the current compaction rate of 407 kg/m<sup>3</sup>). This option results in an annual cost of approximately \$184,450. Currently, contracted waste collection service with Chukuni Sanitation costs \$13,894 per month (\$166,730 per year). The purchase of a curbside collection vehicle results in a more expensive service by approximately \$17,720 annually, plus requires a capital expenditure, but could result in marginal cost savings for the operation of the WTS, as with increased convenience, it is expected that fewer residents will choose to drop off their waste and fewer trips would need to be made from the WTS to Ear Falls. However, total costs for this hauling is currently estimated at \$22,273 annually and therefore, would only result in a net savings to the program if nearly all waste was collected curbside. Given the anticipated net costs, this option it is not currently recommended; however, could be re-visited in the future.

## 8.2 IMPROVING RECYCLING UPTAKE

To increase recycling uptake, public messaging, and promotion to increase the diversion of existing eligible materials is recommended. Promotion of existing recycling using existing communication channels is expected to cost <\$1,000 per year. Resources for promotion of recycling for municipalities are currently available at <https://stewardshipontario.ca/service-providers-municipalities-bluebox/>.



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Although a large/bulky item collection could improve convenience for residents, there is limited benefit to Red Lake to offer this service as it results in additional personnel, equipment, and financial resources. Greenstone currently offers a once per year bulky item collection; however, it is anticipated that with a once per year frequency, many residents would opt to arrange hauling/disposal at the WTS on their own in lieu of waiting for the collection day; and therefore, the service would not be well utilized.

## 8.3 RE-USEABLE ITEM INITIATIVES

There are several initiatives that could be promoted/communicated in Red Lake to provide residents an opportunity to give and take re-useable items, without the operational burden of the re-useable items room. These include:

- Community free weekend (1<sup>st</sup> Saturday of the month in spring, summer and fall) allowing residents to give and take re-useable items for free at the curbside.
- Facebook auction groups, allowing residents to post re-useable items for sale, with bidding occurring through comments.
- Buy Nothing Project (Facebook group), allowing residents to post items for free, to borrow, or to receive, encouraging community building, waste reduction, and item re-use.
- Encouraging the use of local thrift stores.
- Encouraging community groups or interested parties to host community donation drives for used clothing/items to charitable organizations (e.g. Canadian Diabetes).

In addition, Red Lake may wish to partner with local retailers to implement a “Bag-it-forward” program to distribute plastic bags in good condition for re-use. This option may be best delayed given current COVID-19 concern but should also be explored in the future.

## 8.4 IMPROVING COMPOSTING

It is estimated that approximately 30% of municipal solid waste consists of compostable materials (e.g., food waste, yard waste, compostable paper products) (Government of Ontario, 2021).

Approximately 2,710 m<sup>3</sup> of waste was transported to the Ear Falls WDS in 2021 (based on total projected tipping paid) and therefore it is estimated that the hauled waste consisted of approximately 813 m<sup>3</sup> of compost. If the material had been diverted through composting, the resulting cost savings is up to **\$32,475** in tipping fees at the Ear Falls WDS, and approximately **\$6,682** in transportation charges for Red Lake (30% of the projected 2021 transportation costs of \$22,273). The curbside waste collection service provided by Chukuni Sanitation is a set rate, regardless of volume or weight; therefore, no direct savings were identified in this area. Given the relatively large volume of waste that could be diverted and the associated cost savings (up to **\$39,157**), improvements to composting uptake are recommended. The implementation of composting may also be important should Red Lake decide to construct a new waste disposal ground, as this will optimize the Site's lifespan and capacity. Furthermore, the Government of Ontario has implemented a goal to eliminate compost from landfills by 2023 (Bill 146; the *Organic Waste Diversion Act*), and regulatory changes may be forthcoming to meet this goal, such as mandated curbside collection of composting.



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In addition to the regulatory and cost savings benefits, the public engagement feedback collected also indicated that composting is an important initiative. Approximately 16% of suggested improvements described in the public engagement feedback (Section 5.0) were related to increasing composting services in Red Lake, including offering municipal curbside collection of compost, or implementing a composting program. Red Lake currently encourages backyard composting and offers kitchen and backyard composting bins for sale at the local municipal office. Other municipalities in the region do not offer municipal composting services (Section 7.3).

#### 8.4.1 Backyard Composting

While approximately 35% of participants indicated that they currently practice backyard composting, those that did not, indicated that they found it unappealing, did not have enough space, knowledge, or were concerned with scavengers/pests. Given the public engagement feedback and current services available regionally, some suggested improvements to improve the uptake of backyard composting includes:

- Working with local non-profit environmental organizations such as Evergreen, EcoSuperior, or the Green Action Center to provide information to residents on backyard composting. Information pamphlets, workshops, live or online information sessions, and newsletters could provide residents with the information they require to undertake backyard composting and reduce the risk of animal scavengers.
- Collaborating with the local community garden program to accept finished compost (up to a limit and depending on need).
- Promoting backyard composting through social media, newsletters, and municipal communications.
- Promoting or incentivizing the purchase/use of countertop kitchen composters (typically ranging from \$300-\$700 each).

It is anticipated that the costs associated with promotion of backyard composting to be <\$3,000 and therefore, is recommended for Red Lake as initiatives have a potential for greater cost savings. Due to the cost of countertop composters, and the uncertainty surrounding how well their use would increase composting uptake, the provision of a unit for each household is not recommended; however, Red Lake may wish to purchase some units to offer for sale to residents at municipal offices; making them more accessible.

#### 8.4.2 Municipal Composting

##### 8.4.2.1 Curbside Collection and Hauling

As described in Section 2.0, the Government of Ontario is currently considering Bill 146, the *Organic Waste Diversion Act*, which aims to eliminate organic waste from waste disposal sites. Given this regulatory context, the public engagement feedback received (Section 5.0), and the benefits of optimizing waste site capacity should a future waste site be developed, Red Lake may wish to consider implementation of a municipal composting program.



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Currently, the nearest composting facility is located in Rosslyn, Ontario (approximately 555 km by road from Red Lake). This facility, Eco-Depot Waste Diversion, is set to construct a Category A compost facility accepting 30,000 tonnes of waste annually. The facility is currently not operating but is expected to be constructed in 2024. There is currently one facility near Winnipeg capable of accepting residential compost; the Prairie Green Landfill, operated by Waste Connections Canada, and located in Stony Mountain, Manitoba; however, compost is only accepted from Compost Winnipeg, a social enterprise. It should be noted however that Winnipeg began a two-year residential food waste pilot project in October 2020. The pilot will collect residential food waste from selected neighborhoods and divert it from the landfill, turning it into compost at the Brady Road Resource Management Facility. Depending on the results of the pilot project, residential compost from Red Lake may be disposed of at the Brady Road Resource Management Facility in the future.

Given the regional service availability, to undertake municipal compost collection and disposal, Red Lake would need to:

- Acquire a curbside collection vehicle (approximately \$250,000 in capital cost and approximately \$184,450 per year in operational cost, with bi-weekly collection and assuming 1 trip (Table 8-1); or
- Collaborate with Chukuni Sanitation or another local contractor for the curbside collection of compostable materials (estimated approximate cost of \$200,000 per year).
- Haul compostable materials to a nearby licensed facility in the region capable of accepting the materials for disposal, which may result in additional tipping fees (unknown at this time).

Given the relatively high cost of this option, and Red Lake's overall goal to reduce the personnel and financial costs of hauling waste materials, the curbside collection of compost is not recommended at this time; however, ongoing communications with Eco-Depot Waste Diversion is recommended to keep updated on the progress of their facility and future options for collection.

#### 8.4.2.2 Municipal Composting Facility

As an alternative to curbside collection, Red Lake could undertake the siting, construction, and operation of a licensed (drop-off) composting facility locally. Although Red Lake has indicated that this is not a preferred option, the cost and regulatory process of this option has been presented for future discussion and consideration, in the event a new regional WDS near Red Lake is constructed, which may present an opportunity for efficiencies, should these projects be rolled into one.

To undertake the licensing of a compost facility in Ontario, approval is required under The *Environmental Protection Act, 1990*. The compost facility will require an ECA, since the facility may discharge contaminants and odors, which will need to be managed. The ECA application typically requires several reports including:

- A design and operations report including: physical and biophysical environmental descriptions; facility design reports and drawings; operational procedures; quality assurance protocols contingency and emergency plans; site closure plan; maintenance and nuisance plans; and reporting protocols
- An odor Impact Assessment.





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- Emission Summary and Dispersion Modelling report for air contaminants.
- A Hydrogeological Assessment Report.
- An acoustic Assessment Report.
- A drainage study and leachate management plan.
- An odor management and control plan.

A compost site would need to be selected to provide adequate separation to adjacent land uses, such as residences, schools, cemeteries, commercial establishments, and health facilities. In most cases, the distance likely to be required for facility approval would be a minimum of 250 metres up to 1000 metres, depending on site-specific factors.

A composting site for food waste typically requires pre-processing in an enclosed system, and an enclosed building for processing, with proper ventilation to reduce odors and worker exposures to volatile compounds and dust. Further, a compost site typically requires power to maintain temperature and water connection to adjust moisture content. An outdoor compost facility could be considered if the maximum non-leaf and yard waste volume does not exceed 25% and is less than 1,000 tonnes per year. Estimated total compost produced by Red Lake is approximately 340 tonnes per year (assuming 30% of current waste is compostable and a bulk density of 300 kg/m<sup>3</sup> (EPA 2016)).

The typical cost of siting and design of a compost facility typically ranges from \$50,000 to \$500,000; the capital cost of construction can be \$150,000 for an outdoor facility and >\$5.0 million for an indoor facility, with additional costs for equipment. Some costs would be recovered as the finished compost could potentially be sold, used as cover material at the waste disposal site, and/or used for other municipal landscaping.

## 8.5 INCREASING DIVERTED ITEMS (E.G. GLASS)

Red Lake is currently limited in their ability to increase the number of divertible material categories, as there are limited markets available regionally (e.g., Styrofoam, plastic bags). Currently in northwestern Ontario, glass can be recycled by shipping to a recycling sorting facility, where it is crushed and re-used as aggregate for road base and utility installations. There are facilities in driving distance from Red Lake, including Emterra, Cascades, and GFL Environmental (each located in Winnipeg).

### 8.5.1 Emterra & Cascades

Cascades does not accept glass co-mingled in recycling (Morton pers. comm. 2021). Emterra does not accept glass co-mingled and compacted with recycling; however, they indicated that they could accept glass uncompacted, segregated from co-mingled recycling at a tipping rate of \$180/tonne. This was not deemed to be a feasible service improvement given the increased costs that would occur for hauling separate loads and effort for the public/municipal staff to segregate glass at the WTS.



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#### 8.5.2 GFL

GFL was contacted and indicated that compacting co-mingled recyclables can reduce the ability to sort and segregate materials to market using conventional technologies (pers. comm. Jewell 2022).

GFL indicated that they could provide two systems for recycling, both of which could accommodate glass recycling:

1. Provision of four 40-yard enclosed roll-off bins; the bins would be filled by customers and/or municipal staff with segregation completed on site. GFL would then provide a truck to pick-up and drop off the bins. This recycling system would allow for glass recycling and would cost approximately \$400,000 per year (pers.comm. Denysiuk 2022), eliminating the Municipality's costs associated with hauling recycling to Winnipeg. However, this would result in the need to eliminate the curbside recycling program or have municipal staff segregate materials at the WTS; this is therefore not expected to provide increased efficiency or cost-savings as the current system (including staffing, storage, compacting, hauling, and tipping) costs approximately \$315,600 annually.
2. Acceptance of co-mingled, compacted recycling at their new Winnipeg facility (glass included); the facility uses innovative/automated technologies to segregate compacted materials at a rate of \$150/tonne (based on market values) (Pickard pers. comm. 2022).

Given the provided information and pricing, it is recommended that Red Lake consider a transition to GFL Environmental for co-mingled recycling services. A test-load could be sent to GFL to verify the material with 24 hours' notice provided. This would increase recycling convenience, allow the acceptance of glass, result in approximately **\$10,000 per year** in cost savings (assuming current market rates and material volumes), and provide an increase peace of mind that diverted materials going to recycling markets.

#### 8.5.3 Mattresses

Another material category that could potentially be recycled is mattresses/box springs. A recycling facility for this material is located in Winnipeg (Mother Earth Recycling) and accepts used mattresses in clean and dry condition for a fee of \$15 per unit. Using Gardewine for hauling, with an estimated freight charge of \$1,000 (Ascano pers.comm. 2022), Red Lake would have to charge approximately \$75 per unit to cover costs. In addition, Red Lake would require a shipping container or shed to keep mattresses in clean and dry condition prior to shipment. Given the costs associated with freight shipping, this option is not recommended as it is not likely to be well utilized by residents, unless a more cost-effective shipping solution can be identified locally.



## 9.0 OPPORTUNITIES AND CHALLENGES

### 9.1 REGIONAL LANDSCAPE AND POTENTIAL PARTNERSHIPS

Communities north of Red Lake are fly-in only with the exception of the winter road network when weather permits. The Government of Ontario is currently undertaking the design of an all-season road in the region, connecting Red Lake to Pikangikum First Nation, along with other winter road upgrades to connect an additional six Indigenous communities. With the extension of the all-season road network, a potential partnership opportunity exists between Red Lake and Pikangikum First Nation or other First Nations in the region to undertake regional waste management strategy. Historically, waste sites in remote Indigenous communities in the region have been located in areas that were not sited or engineered for the burial of waste, leading to environmental concerns and a desire to upgrade or decommission these sites. In addition, waste diversion for these communities has historically been challenging due to lack of regional services and lack of road access to transport waste or other divertible materials. In replacement, there is a desire to construct new (engineered) facilities or enter into municipal service agreements (MTSAs) to transport and dispose of waste at municipal (provincially regulated) facilities.

Indigenous Services Canada (ISC), a supporting agency for Indigenous communities, has implemented funding programs to address these historical waste disposal issues; one such program includes the First Nations Waste Management Initiative. This initiative provides support to Indigenous Nations to develop sustainable waste management systems. Funding is available through this initiative for MTSAs, waste planning, decommissioning of existing waste sites, construction of waste transfer stations and engineered landfills, waste reduction, training, and education. However, it is important to note that appropriate and/or suitable funding for the operation and maintenance of these facilities remains a gap under this program.

### 9.2 POTENTIAL COST EFFICIENCIES AND RECOVERIES

Waste management services in Red Lake costed an average of \$1.1 million per year from 2017 to 2020, including waste and recycling services. Current revenues for Red Lake's waste services include revenues from waste diversion recoveries (batteries, e-waste, scrap metal, and recyclables), from tipping fees and bag tags, dump tickets and property demolitions. A summary of annual revenues from 2017 to 2021 is provided in Table 9-1 below:



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**Table 9-1 Annual Revenues for Waste and Recycling**

Revenues	2017	2018	2019	2020	2021 (Jan-Nov)
Recoveries	10,826	24,275	33,857	27,405	30,443
Tipping fees	95,061	272,275	101,973	130,490	58,905
Other fees	19,966	(18,036)	433	1,166	6,975
Bag tags	\$125,198	\$114,491	\$94,500	\$111,078	\$97,475
Dump Tickets	\$13,305	\$12,140	\$6,460	\$4,940	\$4,480
Property Standards (demolitions)	\$8,220	\$12,725	\$19,716	0	0
Blue box rebate	\$118,042	\$67,446	\$40,093	\$28,766	\$20,000 <sup>1</sup>
Commissions (bag tags sold by businesses)	(-\$15,832)	(-\$14,850)	(-\$12,518)	(-\$15,300)	(-\$13,560)
Total	\$374,786	\$470,466	284,514	288,544	204,718
Average annual (2017-2020)	\$354,577				
<sup>1</sup> Reported budgeted amount (actual amount unavailable at the time of writing)					

Based on the data from 2021, revenues cover the costs of approximately 30% of the services offered, creating a net program cost of approximately **\$746,000**. To reduce this cost, several program efficiencies have been explored and are described in the sections below.

### 9.2.1 Producer Responsibility Benefits

Red Lake is currently taking advantage of available producer paid diversion programs (offered through PROs) to reduce costs, such as recycling of e-waste through the EPRA, recycling of household batteries through Call2Recycle, and recycling of Tires through E-Tracks. An additional PRO that is available in the region includes ProductCare Recycling for the disposal of paint and HHW. Under *the Circular Economy Act*, ProductCare is registered as a PRO with the RPRA, working with producers to dispose of HHW including:

- Paints and coatings.
- Solvents.
- Pesticides.
- Fertilizers.
- Refillable propane and pressurized containers.

Red Lake could become a service partner with ProductCare to offer recycling services for these materials, free of charge. This would reduce costs associated with HHW disposal (GFL/Tervita and pressurized tank transportation and disposal charges) that currently costs Red Lake on average of **\$13,250 per year** (estimate includes other HHW, freon appliances, and oil). It should be noted that the ProductCare program does not accept freon containing appliances (estimated to currently cost approximately \$5,000/year). In addition, a large portion of the reported expenses (approximately 90%) are from used oil/filters; therefore, a marginal cost savings of approximately **\$825** is assumed.



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It is also anticipated that Red Lake will incur substantial cost savings once the blue box materials program moves to a producer responsibility framework under the *Circular Economy Act*. Red Lake is anticipated to transition to the producer responsibility program in October 2023. In 2021, the management of blue box recycling (tipping fees, freight expenses, and contracts) was projected to cost Red Lake approximately **\$197, 200** by the end of year; therefore, this regulatory transition is anticipated to result in a cost savings of a similar magnitude. This also greatly reduces the effort that municipal staff currently spend, which could lead to increased effort/improvements in other areas and cost efficiencies in salaries.

### 9.2.2 Service Provider Efficiencies

Service providers for waste and recycling services are limited in the region, therefore, identifying service providers that are cost efficient is a challenge for Red Lake. Currently, Chukuni Sanitation is the only known local service provider in the region that provides curbside collection services; however, the contract has not been put out to tender in over 10 years and therefore, it is unknown how many other service providers exist. GFL indicated that they could provide curbside collection; however, the cost would be approximately double the current cost (\$600,000; pers.comm Jewell 2022). Should there be no other service providers, the only alternative option is for Red Lake to purchase a curbside collection vehicle and undertake the collection themselves. It is estimated that this option would cost approximately \$250,000 for a curbside collection vehicle and approximately \$184,450 annually for operation and maintenance (Table 8-1), resulting in an increase of annual operating costs of approximately \$17,720. Given the anticipated cost increase, there are limited efficiencies available for curbside collection services.

Ear Falls currently charges \$39.95/m<sup>3</sup> for waste. Other waste sites in the region (Dryden, Sioux Lookout, Greenstone) provide waste disposal for a tipping fee of \$110-\$158 per tonne. With an assumed compaction rate of 300 kg/m<sup>3</sup> (EPA 2016); this is approximately \$133 per tonne. Other notable advantages exist with disposal of waste at the Ear Falls WDS including proximity of the disposal site and the volumetric charge rate, allowing the Red Lake to reduce costs through increased compaction. Compaction rates for municipal solid waste have been reported up to 415 kg/m<sup>3</sup>. Therefore, there could be cost savings through increased waste compaction effort; however, this is difficult to quantify in the absence of weight recordings. Given the average cost of waste disposal with the Municipality of Ear Falls and relative close proximity compared to other sites, there are limited efficiencies available for waste disposal.

Another service provider efficiency that was explored is using another service provider for recycling, such as using Cascades or GFL instead of Emterra for recycling disposal services. Prior to September 2019, Red Lake used Cascades for recycling disposal which increased costs over the years for tipping (from \$45/tonne to \$165/tonne). The transition was made because Cascades reduced the number of eligible materials for recycling and their fees were increasing. Red Lake currently pays \$180/tonne with Emterra; however, it is unknown how much of the material is actually diverted and how much is going to landfill. The eligible materials list was obtained from Cascades and Emterra and is presented in **Appendix E**. The primary difference between the services is the number of plastic material categories; Emterra accepts all categories and Cascades only accepts #1, #2 #4, and #5; with color restrictions. The composition of different numbered plastics in Red Lake's recycling stream is currently unknown;



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however, Cascades currently charges \$145/MT for compacted co-mingled recycling (pers.comm. Morton, 2022), presenting a potential cost savings of \$35/MT. With an average of 324,720 kg of recycling produced from 2017-2021, this is approximately **\$11,370** of savings annually in tipping fees; however, it is recognized that implementing additional material restrictions could result in some residents choosing to forego recycling altogether, leading to increased costs for landfilling or could result in increased contamination in the co-mingled recycling stream, increasing cost and effort in enforcement and communication; therefore this transition is not recommended.

In discussion with GFL, it was determined that they could provide recycling services. Through this service provider, approximately four 40-yard enclosed roll-off bins would be provided for a rental fee (\$800 per year) (pers.comm Jewell 2022). Materials would be accepted un-compacted and segregated (plastics, cardboard, glass) and picked up by GFL Environmental for processing. The estimated cost of this option is approximately \$400,000 per year (Jewell pers.comm 2022). The current system with Emterra (expenses associated with hauling and tipping recyclables) was approximately **\$315,500** per year (2019-2020 average, including recycling staff hours). Therefore, switching to this GFL system would not result in cost savings, would not align with the curbside collection service, and would require additional municipal and/or public effort to segregate materials and load the roll-off bins. Furthermore, with the anticipated changes to blue box recycling to producer responsibility; the effort required to communicate changes to the program may be futile if the program transitions in 2023 as anticipated, therefore this option is not recommended.

Another option communicated by GFL (pers.comm Pickard, 2022) was the acceptance of compacted, co-mingled recycling at their Winnipeg facility for a cost of \$150/tonne. This results in an annual cost savings of approximately \$10,000 per year (assuming current market rates and recycling quantities) and increases convenience as they accept glass co-mingled in the waste stream. This service is possible due to innovative technologies in their facility to segregate compacted waste. Given these options, it was determined that this option should be explored further; as it results in an immediate cost savings of approximately **\$10,000** per year. In addition, this facility offers tours (pending COVID-19 restrictions) offering some transparency that materials are being diverted as intended.

Another consideration is the potential to recycle cardboard separately, for a rebate. Currently, Cascades accepts cardboard (separate and clean) for a rebate of approximately \$70.00/MT. This price changes on a monthly basis with current markets. This is an important consideration given the number of cardboard boxes that are accumulated due to COVID-19 (Appendix D); and the increase in online ordering associated with public health restrictions. In the absence of a waste audit of the recycling stream, the quantity of cardboard that could be recovered for a rebate is unknown; however, using the average quantity of recycling of 324.7 tonnes and the literature value of 7% cardboard in co-mingled recycling (White 2020), this could result in a rebate of **\$1,592** annually; and a cost savings of **\$4,095** annually in recycling tipping fees. With the transportation costs factored in, and the effort required by municipal staff and/or the public to segregate the cardboard; this option is not recommended; especially given the future transition of the blue box materials program to producer responsibility.



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#### 9.2.3 Other Cost Savings Opportunities

As described in Section 8.1, reducing the practice of waste drop-off at the WTS presents a cost savings opportunity. From January to November 2021, approximately \$18,561 was spent in hauling waste that was dropped off at the WTS to the Ear Falls WDS and an additional \$7,899 was spent in equipment fuel/oil. These costs were projected to reach \$22,273 and \$9,530 by the end of 2021, respectively. These costs could be reduced with an increased uptake in the curbside collection program (which is charged a flat rate regardless of volume) and may be achieved through increased communication/messaging, and an adjustment of the bag tag system and drop-off fees (e.g., increasing the minimum tipping fee, rolling curbside collection costs into taxes). It is estimated that approximately 2,916 m<sup>3</sup> of non-divertible waste is produced annually based on a waste generation rate of 0.71 m<sup>3</sup>/person (Table 4-2). It is expected that not all materials can be bagged for curbside collection; however, with a conservative increase of 25% in the use of the program, approximately **\$8,000** in efficiencies could be achieved.

As described in Section 8.3, increasing the diversion of compostable materials presents a cost-savings opportunity. In 2021, if compostable materials (or a portion thereof) had been diverted through composting, the resulting cost savings could have been up to **\$32,475** in tipping fees at Ear Falls, and approximately **\$6,682** in transportation charges for Red Lake (\$39,157). Using a conservative increase in composting of 20%, this results in a cost savings of approximately **\$7,800**, covering costs for promotion in year one. Due to the estimated costs associated with transportation and the limited-service providers in the area, it is recommended that promotion and education for backyard composting be undertaken, until a service provider for collection and/or disposal of compostable materials in the area can be identified. Eco-Depot Waste Diversion is the nearest service provider for compostable material disposal. The facility was contacted in December 2021 and responded that service is anticipated to begin in 2024. It is recommended that Red Lake remain in contact with this facility to determine if future service could be provided.



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A table of summarizing the potential cost savings opportunities recommended above, using conservative estimates, is provided in Table 9-2 below.

**Table 9-2 Summary of Potential Cost Savings**

Service	Potential Annual Cost Savings
HHW disposal through PRO	\$825
GFL transition and blue box materials transition to PRO	\$10,000- \$197,200
Promoting composting	\$7,800- \$39,157
Improving curbside collection	\$8,000
<b>Average Expenses (2017-2021)</b>	<b>\$1,085,240</b>
<b>Maximum Potential Cost Savings</b>	<b>-\$245,182</b>
<b>Average Revenue (2017-2020)</b>	<b>-\$354,577</b>
<b>Minimum Potential net program cost</b>	<b>\$485,481</b>

## 9.3 OUTSTANDING CHALLENGES

Despite the proposed improvements described in Section 1.0 and potential opportunities described in Section 9.0; there are several important outstanding challenges associated with the current waste management system in Red Lake, primarily:

- The ongoing expenses associated with hauling waste to the Ear Falls WDS (transportation and tipping)
- Environmental concerns associated with the current Site, located approximately 100 m west of Balmer Creek.
- Convenience and proximity of the current Site to Balmertown, which encourages waste drop off instead of the use of the curbside programs.
- Lifespan of the current landfill expansion area (constructed in 2017).

To address these challenges, a local waste disposal solution is required that provides revenues to offset waste disposal costs and reduces staff effort required to run the program.





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Other challenges that Red Lake faces include:

- Contamination of the co-mingled recycling stream and COVID-19 concerns which limit the ability for scale house personnel to inspect loads prior to disposal.
- Retiring personnel and staff resources required to maintain the WTS.
- Changing the public's perspectives and habits around waste and recycling.
- Old equipment that is difficult to repair (Terex compactor) and difficult to replace, with no option to buy or lease and discontinuation of funding programs (Continuous Improvement Fund) operated by Stewardship Ontario.

These challenges could be addressed through education/messaging, through identification of other funding sources, and through training new staff and transition planning.



### 10.0 LONG-TERM (30+ YEAR) STRATEGY

#### 10.1 OPTION 1: NEW WDS SITED ON PROVINCIAL LANDS (PREFERRED)

Through on-going discussions with Red Lake, it has been identified that the preferred option for a long-term strategy for waste management is the siting, licensing, and development of a new waste disposal site, in partnership with Pikangikum First Nation (and/or other First Nations). Red Lake has identified provincially owned lands along Nungesser Road to be the preferred site location, as there are currently limited suitable municipally-owned properties. A site located along Nungesser Road would provide convenient access for both Red Lake and Pikangikum First Nation, should they partner in the future. It is also noted that several mines in the area (predominantly Evolution Mining) have land under patented mining claims in the region. Red Lake may wish to approach these companies in the future to acquire a site, if required.

With the development of a new site, Red Lake would effectively eliminate the expenses associated with the Ear Falls WDS (waste hauling and tipping fees). In addition, with the anticipated regulatory changes to blue box materials, expenses associated with the recycling program would be limited to collection and disposal of recyclables not covered under the producer responsibility framework (scrap metal, used oil, appliances). A summary of the conceptual annual operational expenses and revenues of the new site is provided in Table 10-1 below and assumes that no costs will be incurred for transferring and tipping waste off-site. Table 10-1 also assumes:

- Similar distance to present (approximately 70 km from Red Lake) and therefore, similar curbside collection costs.
- Current fee schedule would carry over to the new site for recoveries.
- Site would require similar staff effort to manage as current WTS.



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**Table 10-1 Conceptual (Year 1) Annual Costs and Revenues of Option 1**

Service	Annual Average Expense	Item	Annual Revenue (2017-2020 average)
Garbage curbside collection <sup>1</sup>	\$170,900	Recoveries	\$24,100
Garbage hauling/tipping	\$0.00	Tipping and Other Fees	\$150,800
Waste site operation	\$431,240	Bag Tags	\$111,300
Disposal of HHW and oil	\$7,880	Dump Tickets	\$9,200
Disposal of batteries and fridges	\$5,380	Property standards	\$10,200
Recycling depot operation <sup>2</sup>	\$243,600	Commissions	-\$14,600
<b>Total Expenses</b>	<b>\$859,000</b>	<b>Total Revenues</b>	<b>\$291,000</b>
<sup>1</sup> Estimate based on 2022-2023 rates provided by Chukuni Sanitation			
<sup>2</sup> Excludes costs associated with curbside collection and tipping of blue box materials			

With the applicable program efficiencies described in Section 8.2 (HHW disposal), additional marginal cost savings could be leveraged, resulting in operational costs of waste management services of **approximately \$564,175** per year. In addition, an MTSA with a First Nation would also provide an opportunity to offset operational costs.

### 10.1.1 Regulatory Requirements

In Ontario, new waste disposal sites are regulated under the Environmental Protection Act, 1998 Regulation 232/98 Landfilling Sites and under the *Environmental Assessment Act*, 1990 Regulation 101/07 Waste Management Projects. Several provincial and federal statutes and regulations may also be triggered with the development of a new waste site, depending on the location and associated environmental effects including (but not limited to):

- The *Species at Risk Act*
- The *Fisheries Act*
- The *Public Lands Act*
- *Ontario Water Resources Act*
- *Migratory Birds Convention Act*

If triggered, additional permits and approvals may be required in accordance with the above statutes.

#### 10.1.1.1 Site Acquisition

Under *The Public Lands Act*, 1990, Ontario Regulation 161/17, and the Government of Ontario Policy No: PL 4.08.01 (2019), land use permits are no longer being issued for establishment of waste disposal sites on Crown land. To obtain occupational authority for a waste disposal site on Crown land, the site (waste fill area and buffer area) must be purchased by Red Lake (or a partner), at market value. An easement for the contaminant attenuation zone is also issued for an annual fee. It is currently unclear



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whether the Ministry of Environment, Conservation, and Parks (MECP) would consider any exceptions to this policy. Their response to our inquiry indicated that there would not be exceptions considered (pers.comm. Gruski 2022).

#### 10.1.1.2 Environmental Compliance Approval

Under the Environmental Protection Act, 1998 Regulation 232/98 specifies the standards for design, operation, and closure of a new waste disposal site. The Regulation also establishes the following requirements for new waste disposal sites:

- An ECA must be obtained from the MECP for the establishment of a site ( $>40,000 \text{ m}^3$ ). To obtain the ECA, a detailed assessment of the site must be carried out to identify any potential environmental effects and how effects are addressed and an application fee (\$100-\$200 must be provided).
  - The assessment must include (but is not limited to) a topographic survey, geotechnical assessment, hydrogeological assessment, detailed plans, specifications, and site descriptions addressing leachate, landfill gas, soils, visual impacts, noise, contingency plans and closure plans.
  - If approved, the ECA will define how large the site is to be, types of waste to be accepted, and necessary conditions for design and operation.
- A 100 m wide buffer area is required around the site (reduced to 30 m if justified in the assessment).
- If a contaminant attenuation zone is required for the site, Red Lake must own the property rights of adjacent land, or (if owned by the Crown) receive approval in writing from the Crown that adjacent lands can be used for this purpose.
- A Site Preparation Report is prepared to confirm that site conditions are as expected, and the site has been prepared and constructed in accordance with the approved design.

#### 10.1.1.3 Environmental Assessment

In Ontario, new waste disposal sites are also regulated under the *Environmental Assessment Act*, 1990 and Ontario Regulation 101/07 Waste Management Projects. There are two types of environmental assessment under this Act, an individual environmental assessment and an environmental screening. An environmental screening is a streamlined self-assessment process; and applies to sites between  $40,000 \text{ m}^3$ - $100,000 \text{ m}^3$  in capacity. Given that Red Lake is anticipated to dispose of between  $2,916 \text{ m}^3$  per year and  $3,424 \text{ m}^3$  /year in 30 years (Table 4-2), the total waste disposed of would be approximately  $97,178 \text{ m}^3$  and is below the threshold; therefore, the environmental screening process would apply. Should Red Lake partner with a First Nation such as Pikangikum, the threshold for environmental screening would be exceeded and an individual environmental assessment would be required.



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### Environmental Screening

The environmental screening process applies for sites with 40,000 m<sup>3</sup> to 100,000 m<sup>3</sup> capacity.

This process is a proponent driven, self-assessment process where reports prepared do not require approval by the MECP. This process requires the proponent to:

- Prepare and publish a notice of commencement of a Screening project.
- Undertake a consultation process to properly notify potentially interested persons, Indigenous Nations, and government agencies, including those potentially affected by the project to solicit feedback on the project and address their concerns through design, mitigation, and management measures.
- Summarize the findings of the consultation and environmental studies and assessment of effects into an Environmental Screening Report.
- Publish a notice of completion of Environmental Screening report (60-day review period).
- Submit a statement of completion to the Ministry.

### Individual Environmental Assessment

The individual environmental assessment process applies if the site is expected to be larger than 100,000 m<sup>3</sup> in capacity. This process requires the proponent to:

- Develop and submit a Terms of Reference (TOR).
- Undertake a consultation process with the public, indigenous groups, and government agencies similar to the screening process described above.
- Submit a notice of commencement.
- Prepare an environmental assessment once the TOR is approved, including records of consultation, monitoring, commitments, mitigation measures, environmental effects, alternative.

The environmental assessment then undergoes a public and government review process (7 weeks) followed by a MECP review process (5 weeks) which results in a Ministry Review. The public has another opportunity to comment on the Ministry Review (5 weeks) followed by a 13-week period for the Minister to make a decision on the project.

#### 10.1.1.4 Federal Approvals for Federal Sites

Currently, ISC is motivated to develop MTSAs to reduce the need to establish new waste sites on federal lands; however, should the acquisition and/or development of a new site be identified in discussions with federal regulators/agencies and partnering First Nations, a separate environmental approval process would apply under the *Impact Assessment Act*, 2019. This process would include the submission of a Project Description to Indigenous Services Canada and includes desktop review of all environmental components (surface water, groundwater, heritage resources, fish, wildlife etc.). The federal authority would review the project description and provide a determination on the level of environmental review required; either simple or detailed. An environmental review report meeting the requirements would then



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need to be developed including an assessment of effects and associated mitigation measures and posted for public comment (30-day period). Approval is obtained once the federal authority is satisfied with the information provided that environmental effects will be adequately addressed.

### 10.2 OPTION 2: STATUS QUO

Should Red Lake decide to maintain the existing WTS and associated operations, the existing annual costs could be reduced through the transition of the blue box materials recycling to producer responsibility (approximately \$197,200); and through cost savings and efficiencies identified in Section 9.2 (conservatively \$16,625), resulting in a net program cost of approximately **\$679,875** (Table 10-2). In addition, an immediate cost savings of \$10,000 annually has been identified through transition to GFL's facility for processing.

**Table 10-2 Conceptual (Year 1) Annual Costs and Revenues of Option 2**

Service	Annual Average Expense	Item	Revenue (2017-2020 average)
Garbage collection <sup>1</sup>	\$170,900	Recoveries	\$24,100
Garbage hauling/tipping	\$128,500	Tipping and Other Fees	\$150,800
Waste site operation	\$431,240	Bag Tags	\$111,300
Disposal of HHW and oil	\$7,880	Dump Tickets	\$9,200
Disposal of batteries and fridges	\$5,380	Property standards	\$10,200
Recycling depot operation <sup>2</sup>	\$243,600	Commissions	-\$14,600
Total Expenses	\$987,500	Total Revenues	\$291,000
<sup>1</sup> Estimate based on 2022-2023 rates provided by Chukuni Sanitation			
<sup>2</sup> Excludes costs associated with curbside collection and tipping of blue box materials			

This option assumes that the Municipality of Ear Falls is willing and capable of accepting waste for the next 30 years. One important consideration for this option is the lifespan of the low-leachate disposal area. Based on reports by KGS (2021), 3,708 m<sup>3</sup> of capacity has been used in a three-year period (1,236 m<sup>3</sup>/year) and the resulting capacity of the expansion area is estimated to be 36,292 m<sup>3</sup>. With the estimated landfilling rate, the area has approximately 29 years of capacity remaining.

### 10.3 EXPANSION OF THE EXISTING SITE (LEAST DESIREABLE OPTION)

In discussion with Red Lake, it was determined that expanding the existing WTS site is not a desirable option, as it is in close proximity (100 m west) of Balmer Creek. In addition, the close proximity to Balmertown provides an opportunity for residents to go to the Site as a means of socialization which increases operational costs through waste drop-off in lieu of curbside collection. The Site was originally used as the Balmertown WDS which was closed in 2017 due to management issues and having reached designed capacity. Closure of the disposal area and construction of the WTS on the Site was done in 2017 as a relatively quick measure to address the capacity issues. In discussion with Red Lake, it was determined that the application for the 40,000 m<sup>3</sup> expansion area was undertaken to avoid triggering



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regulatory processes; however, decommissioning the WTS and expanding the Site beyond 40,000 m<sup>3</sup> may present an opportunity to create a local disposal solution. In addition, this option eliminates the need to acquire and conduct field studies to identify a new site given that the Site has adjacent area to the west which could potentially be used for expansion. Furthermore, an expansion vertically on top of the existing closed waste disposal area may be possible, as it does not increase the project footprint or require new property to be acquired. This option is dependent upon discussion and approval with regulators as there may be environmental concerns with expansion, given that the Site is approximately 100 m west of Balmer Creek; however, no regulatory concerns related to groundwater monitoring have been communicated to Red Lake to date, and recent groundwater monitoring reports have not identified compliance issues (KGS 2021), suggesting that natural attenuation on the Site is occurring to the satisfaction of MECP.

The regulatory requirements for the expansion of the existing Site (40,000-100,000 m<sup>3</sup>) includes the ECA process (described in Section 10.1.1.2) and the environmental screening process (described in Section 10.1.1.3). Under the Environmental Protection Act, 1998 Regulation 232/98; the Site must have a buffer of 100 m at every point; therefore, an expansion to the west may be the most practical to avoid interference with Balmer Creek. With the 100 m buffer in place, the Site has an available expansion area >65,000 m<sup>2</sup> providing a capacity >130,000 m<sup>3</sup>, which could provide a lifespan over 30 years, depending on factors such as compaction, waste generation, and diversion rate.

Conceptually, Site operational costs would be similar to those presented in Table 10-1. In addition, an MTSA with a First Nation partner could help offset costs. Cost savings would also be incurred relative to Option 1 as site conditions (hydrogeological, geotechnical, etc.) are known from previous investigations.



### 11.0 CONCLUSIONS

Based on the regulatory review, and discussions with Red Lake, identifying and developing a new site in partnership with a First Nation is the desired long-term strategy. This option will require identifying and acquiring a site, and obtaining several regulatory approvals including an ECA, and an individual environmental assessment. In the interim, it is expected that the existing Site can be used, as the expansion area has approximately 29 years of capacity remaining. Expansion of the existing Site may also be a straight-forward option from a regulatory perspective as the Site is currently disturbed, has available un-used adjacent area in compliance with the buffer zone requirements, and may present cost efficiencies in the design phase as field studies on geological and hydrogeological characteristics have previously been undertaken. In addition, regulators have not formally indicated to Red Lake that there are any issues or concerns with respect to the on-going groundwater monitoring that has been undertaken. Despite these potential benefits; discussions with regulators would be required to confirm if the existing site expansion (the least desirable option as indicated in discussions with Red Lake) is in fact a viable option.





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### References

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## 12.0 REFERENCES

### 12.1 LITERATURE CITED

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## 12.2 PERSONAL COMMUNICATIONS

Irish Ascano (Gardewine). January 12, 2022. E-mail communication with Stantec Consulting. E-mail address: [wpqquotes@gardewine.com](mailto:wpqquotes@gardewine.com)

Darren Jewell (GFL). January 5, 2022. Telephone Communication with Stantec Consulting. Phone #: 1-807-577-0411. E-mail address: [djewell@gflenv.com](mailto:djewell@gflenv.com)

Camille Fortin (Tru-Nor Truck Centers). January 5, 2018. E-mail Communication with Stantec Consulting.

Todd Denysuik (Emterra). January 5, 2022. Telephone Communication with Stantec Consulting. Phone # 1-204-296-2068

Kyle Pickard (GFL). January 6, 2022. Telephone Communication with Stantec Consulting. Phone #: 204-795-1245

Brian Morton (Cascades Recovery). December 15, 2021. E-mail Communication with Stantec Consulting. E-mail address: [brian\\_morton@cascades.com](mailto:brian_morton@cascades.com)



# **APPENDIX A**

## **Figures**



#### Legend

- ★ Site Location
- Major Road

0 0.5 1 Kilometres  
 (At original document size of 8.5x11)  
 1:50,000



Project Location  
 Red Lake,  
 Ontario

Prepared by ACampigotto on 2022-01-05  
 Reviewed by JTheroux on 2022-01-05

Client/Project  
 MUNICIPALITY OF RED LAKE  
 Red Lake Waste Transfer Station  
 Red Lake, Ontario

111475259

Figure No.  
 1

Title  
**Site Location**

#### Notes

1. Coordinate System: NAD 1983 UTM Zone 15N.
2. Base Data Sources: Government of Canada.
3. Aerial Imagery: Microsoft product screen shot reprinted with permission from Microsoft Canada.

Disclaimer: This document has been prepared based on information provided by others as cited in the Notes section. Stantec has not verified the accuracy and/or completeness of this information and shall not be responsible for any errors or omissions which may be incorporated herein as a result. Stantec assumes no responsibility for data supplied in electronic format, and the recipient accepts full responsibility for verifying the accuracy and completeness of the data.

# **APPENDIX B**

## **Environmental Compliance Approvals**



Ministry of the Environment  
Ministère de l'Environnement

**AMENDED ENVIRONMENTAL COMPLIANCE APPROVAL**

NUMBER A600903

Issue Date: July 19, 2013

The Corporation of the Municipality of Red Lake  
2 Fifth St  
Post Office Box, No. 1000  
Balmertown, Ontario  
P0C 1V0

Site Location: Balmertown Waste Disposal Site  
East of Provincial Trunk Hwy 125  
Kenora City, District of Kenora

*You have applied under section 20.2 of Part II.1 of the Environmental Protection Act, R.S.O. 1990, c. E. 19 (Environmental Protection Act) for approval of:*

*the use and operation of 4.5 hectare waste disposal site within a total site area of 24.3 hectares, having a maximum capacity of 200,000 cubic meters, being known as the Balmertown Waste Disposal Site.*

*For the purpose of this environmental compliance approval, the following definitions apply:*

" **Adverse Effect** " is as defined in the Environmental Protection Act, R.S.O. 1990;

" **Approval** " or " **Certificate** " or " **ECA** " means this entire provisional Environmental Compliance Approval document, issued in accordance with Section 20.2 of the *EPA* , and includes any schedules to it, the application and the supporting documentation listed in Schedule "A";

" **CAZ** " means the contamination attenuation zone;

" **Director** " means Director, Section 39, Environmental Protection act, R.S.O. 1990, C.E-19 as amended;

" **District Manager** " means the District Manager in the Kenora District Office, Northern Region, Ontario Ministry of the Environment;

" **EAB** " refers to the Environmental Approvals Branch of the Ministry of the Environment;

" **EPA** " means the Environmental Protection Act, R.S.O. 1990, C.E-19 as amended;

" **FBAL** " means Fill Beyond Approved Limits;

" **Finished compost** " means compost that meets the time, temperature and turning requirements specified in Condition 10(1)(h) and the parameters listed in Schedule "B";

" **Hazardous waste** " see Ontario Regulation 347;

" **Household hazardous waste** " and "**HHW**" means waste from the general public, each of the individual wastes would be hazardous waste if it were produced by a commercial or industrial generator or if it were produced in a larger quantity;

" **HHW Depot** " means that part of the *Site* where waste management activities pertaining to the *bulking* and temporary storage pending transfer of *HHW* take place;

" **Leaf and yard waste** " means waste consisting of leaves, grass clippings, natural Christmas trees and other plant materials, but not tree stumps, limbs or other woody materials in excess of seven (7) centimetres in diameter;

" **Ministry** " means the Ontario Ministry of the Environment;

" **Ontario Regulation 101/94** " means Ontario Regulation 101/94 – Recycling and Composting of Municipal Waste, as made under the EPA;

" **Owner** " means the Corporation of the Municipality of Red Lake;

" **OWRA** " mean the Ontario Water Resource Act, R.S.O 1990, Chapter O.40, as amended;

" **Reasonable Use Guideline** " means the Ministry Guideline B-7 entitled "Incorporation of the Reasonable Use Concept into MOE Groundwater Management Activities, dated April 1994, as amended

" **Regulation 347** " means Ontario Regulation 347 R.R.O. 1990, as amended;

"**Rejected compost** " means waste that has gone through the composting process but did not meet the time, temperature or turning requirements specified in Condition 10 (1) (h) or exceeds the parameters listed in Schedule "B". Rejected compost is considered a waste and must be handled and disposed in accordance with Ontario Regulation 347.

" **Site** " means the Balmertown Waste Disposal Site located at the East of Provincial Trunk Hwy 125 , District of Kenora; and

" **Unfinished compost** " means waste that has gone through all but the final curing stage of the composting process;

*You are hereby notified that this environmental compliance approval is issued to you subject to the terms and conditions outlined below:*

## **1.0 GENERAL**

### **Compliance**

1.1 The *Owner* shall ensure that any person authorized to carry out work on or operate any aspect of the *Site* is notified of the *ECA* and the conditions herein and shall take all reasonable measures to ensure the person complies with the same.

1.2 Any person authorized to carry out work on or operate any aspect of the *Site* shall comply with the conditions of this *ECA* .

### **In Accordance**

1.3 Except as otherwise provided for in this *ECA* , the *Site* shall be designed, developed, constructed, operated and maintained in accordance with the supporting documentation listed in Schedule "A".

## **Other Legal Obligations**

1.4 The issuance of, and compliance with, this *ECA* does not:

- a. relieve any person of any obligation to comply with any provision of the *EPA* or any other applicable statute, regulation or other legal requirement; or
- b. limit in any way the authority of the *Ministry* to require certain steps be taken or to request that any further information related to compliance with this *ECA* be provided to the *Ministry*.

unless a provision of this *ECA* specifically refers to the other requirement or authority and clearly states that the other requirement or authority is to be replaced or limited by this *ECA* .

## **Adverse Effect**

1.5 The *Owner* or *Operator* remain responsible for any contravention of any other condition of this *ECA* or any applicable statute, regulation, or other legal requirement resulting from any act or omission that caused the adverse effect or impairment of air and/or water quality.

## **Furnish Information**

1.6 Any information requested by the *Director* or a *Provincial Officer* concerning the *Site* and its operation under this *ECA* , including but not limited to any records required to be kept by this *ECA* shall be provided in a timely manner.

1.7 The receipt of any information by the *Ministry* or the failure of the *Ministry* to prosecute any person or to require any person to take any action, under this *ECA* or under any statute, regulation or subordinate legal instrument, in relation to the information, shall not be construed as:

- i. an approval, waiver, or justification by the *Ministry* of any act or omission of any person that contravenes any condition of this *ECA* or any statute, regulation or other subordinate legal requirement; or
- ii. acceptance by the *Ministry* of the information's completeness or accuracy.

1.8 Any information related to this *ECA* and contained in *Ministry* files may be made available to the public in accordance with the provisions of the Freedom of Information and Protection of Privacy Act, RSO 1990, CF-31.

## **Interpretation**

1.9 This *ECA* revokes and replaces the previous *ECA* and all subsequent amendments.

1.10 Where there is a conflict between a provision of any document, including the application, referred to in this *ECA* , and the conditions of this *ECA* , the conditions in this *ECA* shall take precedence.

1.11 Where there is a conflict between the application and a provision in any documents listed in Schedule "A", the application shall take precedence, unless it is clear that the purpose of the document was to amend the application and that the *Ministry* approved the amendment in writing .

1.12 Where there is a conflict between any two documents listed in Schedule "A", other than the application, the document bearing the most recent date shall take precedence.



1.13 The conditions of this *ECA* are severable. If any condition of this *ECA*, or the application of any condition of this *ECA* to any circumstance, is held invalid or unenforceable, the application of such condition to other circumstances and the remainder of this *ECA* shall not be affected thereby.

### **Certificate of Requirement**

1.14 Pursuant to Section 197 of the *EPA*, no person having an interest in the *Site* shall deal with the *Site* in any way without first giving a copy of this *ECA* to each person acquiring an interest in the *Site* as a result of the dealing.

1.15 The Certificate of Requirement shall be registered in the appropriate land registry office on title to the *Site* and a duplicate registered copy shall be submitted to the *Director* within ten (10) calendar days of receiving the Certificate of Requirement signed by the *Director*.

### **No Transfer or Encumbrance**

1.16 No portion of this *Site* shall be transferred or encumbered prior to or after closing of the *Site* unless the *Director* is notified in advance and is satisfied with the arrangements made to ensure that all conditions of this *ECA* will be carried out and that sufficient financial assurance is deposited with the *Ministry* to ensure that these conditions will be carried out.

### **Change of Owner**

1.17 The *Owner* shall notify the *Director*, in writing, and forward a copy of the notification to the *District Manager*, within 30 days of the occurrence of any changes in the following information:

- i. the ownership of the *Site*;
- ii. the *Operator* of the *Site*;
- iii. the address of the *Owner* or *Operator*;
- iv. the partners, where the *Owner* or *Operator* is or at any time becomes a partnership and a copy of the most recent declaration filed under the *Business Names Act*, R. S. O. 1990, c. B.17, shall be included in the notification;
- v. the name of the corporation where the *Owner* or *Operator* is or at any time becomes a corporation, other than a municipal corporation, and a copy of the most current information filed under the *Corporations Information Act*, R. S. O. 1990, c. C.39, shall be included in the notification.

1.18 In the event of any change in the ownership of the *Site*, other than a change to a successor municipality, the *Owner* shall notify in writing the succeeding owner of the existence of this *ECA*, and a copy of such notice shall be forward to the *Director* and *District Manager*.

### **Inspections**

1.19 No person shall hinder or obstruct a *Provincial Officer* from carrying out any and all inspections authorized by the *EPA*, or the *PA*, of any place to which this *ECA* relates, and without limiting the foregoing:

- i. to enter upon the premises where the approved works are located, or the location where the records required by the conditions of this *ECA* are kept;
- ii. to have access to, inspect, and copy any records required to be kept by the conditions of this *ECA*;
- iii. to inspect the *Site*, related equipment and appurtenances;

- iv. to inspect the practices, procedures, or operations required by the conditions of this *ECA*; and
- v. to sample and monitor for the purposes of assessing compliance with the terms and conditions of this *ECA* or the *EPA*, or the *PA*.

## **2.0 GENERAL OPERATIONS**

### **Proper Operation**

2.1 The *Site* shall be properly operated and maintained at all times. All waste shall be managed and disposed of in accordance with the *EPA*, *Regulation 347* and the requirements of this *ECA*. At no time shall the discharge of a contaminant that causes or is likely to cause an adverse effect be permitted.

### **Operations Manual**

2.2 The *Owner* shall ensure the operations and procedures manual for the *Site* includes discussions on the following items.:

- a. Health and safety;
- b. Operation and maintenance of the *Site*;
- c. Waste disposal area and development;
- d. Nuisance management;
- e. Leachate management;
- f. Landfill gas management;
- g. Surface water/Stormwater management;
- h. Inspections and monitoring;
- i. Contingency plans and emergency procedures;
- j. Complaints; and,
- k. Reporting and record keeping.

2.3 The operations and procedures manual shall be:

- a. retained at the *Site*;
- b. reviewed on an annual basis and updated by the *Owner* as required; and
- c. be available for inspection by *Ministry* staff.

### **Approved Waste Types**

2.4 (1) Only solid non-hazardous municipal waste as defined under *Reg. 347* shall be accepted at the *Site* for landfilling.

(2) The *Owner* shall develop and implement a program to inspect waste to ensure that the waste received at the *Site* is of a type approved for acceptance under this *ECA*.

(3) The *Owner* shall ensure that all loads of waste are properly inspected by *Trained personnel* prior to acceptance at the *Site* and that the waste vehicles are directed to the appropriate areas for disposal or transfer of the waste. The *Owner* shall notify the *District Manager*, in writing, of load rejections at the *Site* within five (5) business days from their occurrence.

### **Capacity**

2.5 The *Site* shall have a maximum volumetric capacity including waste disposed in the area "fill beyond approved limits" is 200,000 cubic meters.

### **Service Area**

2.6 Only waste that is generated within the boundaries of the Municipality of Red Lake may be accepted at the *Site*.

## **3.0 GENERAL LANDFILL OPERATIONS**

### **Limit of Landfilling**

3.1 The *Owner* shall ensure the limit of the landfill as show in Item 17 in Schedule "A" is clearly staked.

### **Signage**

3.2 A sign shall be posted in a prominent location at the *Site* entrance clearly stating the following:

- i. *Owner* 's name;
- ii. Operator's name;
- iii. *ECA* No.;
- iv. Type of Waste Accepted
- v. the hours of operation;
- vi. Public access to the *Site* is prohibited during non-operational hours; and
- vii. Contact telephone number to call with complaints or in the event of an emergency.

### **Burning of Clean Wood**

3.3 (i) Only clean wood and brush shall be permitted for burning. Burning of the materials shall be completed as per the Ministry of the Environment Guideline C-7 (Burning at Landfill Sites);

(ii) The clean wood/brush area shall be clearly marked with a sign(s) that prohibits the public from approaching the area when burning operations are occurring.

(iii) The *Owner* shall ensure there is a designated area for ash material.

### **Site Security**

3.4. The *Owner* shall ensure that the entrance gate is locked and secured during non-operational hours.

### **Cover Material**

3.5 Cover material shall be applied as follows:

- (a) Weekly Cover - Weather permitting, deposited waste shall be covered weekly in a manner acceptable to the *District Manager* so that no waste is exposed to the atmosphere;
- (b) Intermediate Cover - In areas where landfilling has been temporarily discontinued for six (6) months or more, a minimum thickness of 300 millimetre of soil cover or an approved thickness of alternative cover material shall be placed; and

(c) Final Cover - In areas where landfilling has been completed to final contours, a minimum 600 millimetre thick layer of soil of medium permeability and 150 millimetres of top soil (vegetative cover) shall be placed. Fill areas shall be progressively completed and rehabilitated as landfill development reaches final contours.

3.6 Alternative materials to soil may be used as weekly and interim cover material, based on an application with supporting information and applicable fee for a trial use or permanent use, submitted by the *Owner* to the *Director*, copied to the *District Manager* and as approved by the *Director* via an amendment to this *ECA*. The alternative material shall be non-hazardous according to *Reg. 347* and will be expected to perform at least as well as soil in relation to the following functions:

- (a) Control of blowing litter, odours, dust, landfill gas, gulls, vectors, vermin and fires;
- (b) Provision for an aesthetic condition of the landfill during the active life of the *Site*;
- (c) Provision for vehicle access to the active tipping face; and
- (d) Compatibility with the design of the *Site* for groundwater protection, leachate management and landfill gas management.

### **Litter Pick-Up**

3.7. i. The *Owner* shall undertake litter pick-up around the property in the early spring and late fall, including the bushline and any surface water bodies on the property.

ii. The *Owner* shall also undertake regularly scheduled litter pick-ups around the site between the months of May and September.

### **Vector/Vermin**

3.8 Vermin and vectors shall be adequately controlled at the *Site* by the *Owner*. In the event that the vermin and the vector population should increase and become a hazard, a licensed exterminator shall be engaged by the *Owner* at the necessary frequency to bring the problem under control.

### **Recycling**

3.9. In the event the *Owner* initiates a recycling area, any recyclable materials shall be properly separated and each area properly identified. The areas shall be kept in a neat and tidy manner;

3.10 All storage containers/bins used to store waste and/or recyclable materials shall be maintained in good condition to prevent leakage. The *Owner* shall immediately remove from service any leaking container. Containers/bins used to store clean scrap metal may be equipped with drainage holes to permit the drainage of rainwater;

## **4.0 WASTE DIVERSION - SOLID NON HAZARDOUS WASTE AND WEEE**

4.1 The *Owner* shall ensure that:

- (a) all bins and waste storage areas are clearly labelled;
- (b) all lids or doors on bins shall be kept closed during non-operating hours and during high wind events; and
- (c) if necessary to prevent litter, waste storage areas shall be covered during high winds events.

4.2 The *Owner* shall provide a segregated area for the storage of *Refrigerant Appliances* so that the following are ensured:

(a) all *Refrigerant Appliances* have been tagged to indicate that the refrigerant has been removed by a licensed technician. The tag number shall be recorded in the log book and shall remain affixed to the appliance until transferred from the *Site*; **or**

(b) all *Refrigerant Appliances* accepted at the *Site*, which have not been tagged by a licensed technician to verify that the equipment no longer contains refrigerants, are stored segregated, in a clearly marked area, in an upright position and in a manner which allows for the safe handling and transfer from the *Site* for removal of refrigerants as required by O.Reg. 189; and

(c) all *Refrigerant Appliances* received on-site shall either have the refrigerant removed prior to being transferred from the *Site* or shall be shipped off-site only to facilities where the refrigerants can be removed by a licensed technician in accordance with O.Reg. 189.

4.3 The *Owner* shall transfer waste and recyclable materials from the *Site* as follows:

(a) recyclable materials shall be transferred off-site once their storage bins are full;

(b) scrap metal shall be transferred off-site at least twice a year unless there is not enough scrap metal to warrant a shipment. No scrap metal shall be stored at the site for more than two (2) years;

(c) any incoming tires shall be transferred off-site as soon as a load for the contractor hired by the *Owner* has accumulated. No tires shall be stored at the site for more than two (2) years;

(d) existing tire pile shall be eliminated in a time frame agreeable to the *District Manager*; and

(e) immediately, in the event that waste is creating an odour or vector problem.

4.4 The *Owner* shall notify the appropriate contractors that waste and recyclable wastes that are to be transferred off-site are ready for removal. Appropriate notice time, as determined by the contract shall be accommodated in the notification procedure.

## **Ontario Electronic Stewardship - Waste Electrical and Electronic Equipment (WEEE) Collection Site**

4.5 A facility for the acceptance, storage and preparation for transport for recycling, of waste electronic and electrical materials, and subsequent transfer of such wastes by an approved carrier for disposal elsewhere is hereby approved in accordance with the Conditions in this *ECA*.

4.6 The materials shall be stored: in an enclosed, dry structure such as a trailer, shipping container or other suitable structure; in an orderly fashion, to avoid breakage (broken materials shall be placed in containers).

4.7 The maximum storage volume is 32 cubic yards (16 bins or cardboard gaylords on skids, 2 cubic yards each).

4.8 The *Site* Plan submitted annually shall show the location of the storage facility.

4.9 A log shall be kept of the firm used for the transportation and the destination where the waste is to be disposed.

## **5.0 LEAF AND YARD WASTE COMPOSTING**

5.1 On Site *Leaf and Yard Waste* Composting is hereby approved and shall be carried out subject to the conditions in this ECA.

5.2 The *Owner* shall ensure that composting is conducted in accordance with the "Guidelines for the Production Compost in Ontario" dated July 2012 or its latest amendment, and with the requirements as listed below:

- (a) waste accepted for composting shall be limited to *leaf and yard waste*. *Leaf and yard waste* received at the *Site* shall not exceed the maximum concentrations for metals listed in Schedule "B";
- (b) no more than 2000 tonnes of *leaf and yard waste*, *unfinished compost* and *finished compost* shall be stored on *Site* at any one time;
- (c) all activities associated with the composting operation shall take place on the designated pad constructed of wood chips;
- (d) waste shall be incorporated into windrows within four (4) days of receipt. *Finished compost* shall be stored on *Site* for a maximum of twelve (12) months after the curing phase is complete;
- (f) windrows shall be arranged in a manner which allows equipment access for efficient turning of windrows and to allow access for emergency vehicles;
- (g) windrows shall be constructed at bulk densities and heights which promote aerobic conditions;
- (h) all waste being composted shall be held at a temperature of at least 55 °C for a minimum of fifteen (15) cumulative days to ensure proper bacteria growth and pathogen inactivation. During this period, the temperature of the waste being composted shall be monitored and recorded on each day that the *Site* is in operation, and the windrows shall be turned a minimum of five (5) times. During the remainder of the composting process, the temperature shall be monitored and recorded on a weekly basis at a minimum; and
- (i) compost shall be cured for a minimum of six (6) months.

5.3 (a) For the first two (2) years of operation, a representative composite sample of compost that has completed the curing phase shall be taken at least once per year and analyzed for the parameters listed in Schedule "B".

(b) After two (2) years of operation, the sampling schedule may be adjusted with the prior written consent of the *District Manager*.

5.4 (a) *Finished compost* may be released from the *Site* for unrestricted use.

(b) *Rejected compost* which meets the parameters listed in Schedule "B", but does not meet the requirements of Condition 5.2, may be returned to the composting process as waste for re-processing.

(c) *Rejected compost*, which does not meet the parameters listed in Schedule "B" shall be disposed of as waste or as daily cover.

## 6.0 HHW TRANSFER STATION

6.1 The *HHW Depot* shall be constructed and operated in accordance with the Design and Operations Plan listed as Item 13 in Schedule "A".

6.2 No radioactive, pathological or biomedical wastes or contaminated radioactive, pathological or biomedical wastes shall be accepted at this Site.

6.3 Except for oil and oil-based paints containing PCBs, no PCBs shall be accepted at this *Site*.

6.4 The *Owner* shall ensure that the wastes are stored in a safe and secure manner; that the operation of the *HHW Depot* does not impede, or is impeded by any other landfilling activities, and that the wastes are properly handled, packaged or contained so as not to pose any threat to the general public, *Site* personnel and the environment.

6.5 The *Owner* shall ensure that the *HHW Depot* is operated in a manner which minimizes the impacts of odour, dust, litter, noise and traffic on the general public, *Site* personnel and the environment.

6.6 Within 90 days of completion of the construction of the *HHW Depot*, the *Owner* shall submit to the *District Manager* a construction report detailing the construction activities and any design changes made during construction. This report shall include but not be limited to the following topics:

- (i) "as-built" drawing(s) of the *HHW Depot* ;
- (ii) quality assurance/quality control plan for the construction; and
- (iii) any changes to the design of the *HHW Depot* .

6.7 The *Owner* shall establish a record system for all waste received at the *HHW Depot* which shall include, but is not necessarily limited to:

- (i) date of record;
- (ii) types, quantities and source of materials received;
- (iii) quantities and destination of waste and residual materials shipped from the *Site* ;
- (iv) any spills or upsets and environmental or other problems encountered in operating this *Site* .

6.8 In addition to the items required in Condition 10.1 of this *ECA*, the Annual Report shall include, as a minimum, the following information with respect to the operation of the *HHW Depot* :

- (i) a summary of the type and quantity of all incoming and outgoing wastes;
- (ii) any environmental and operational problems, that could negatively impact the environment, encountered during the operation of the *HHW Depot* and any mitigative actions taken;
- (iii) a statement as to comply with all Conditions of this *ECA* and with the reporting requirements of the Conditions herein; and,
- (iv) any recommendations to minimize environmental impacts from the operation of the *HHW Depot* and to improve site operations and monitoring programs in this regard.

## **7.0 RECORD KEEPING**

7.1. The *Owner* shall establish and maintain a written record of daily operations at the *Site*. This record shall be in the form of a log or a dedicated electronic file and it shall include as a minimum the following information:

- a) date of record;
- b) hours of operation;
- c) an approximation of the type, amount and source of waste received (ie. loads or vehicles/day);
- d) an estimate on the amount (depending on item i.e. in tonnes or number of tires, appliances, batteries) of recyclable materials received at the *Site* ; and
- e) details of cover material (weekly, intermediate and final) including dates, types and the location

of the application.

7.2. The *Owner* shall establish and maintain a written record of all complaints received about the site and any environmental emergency situations that occur at the *Site* . This record shall be in the form of a log or a dedicated electronic file and it shall include, as a minimum, the following information:

- a) Date and time of occurrence
- b) type of the environmental emergency situation and the resulting environmental impact;
- c) name, address and telephone number of the complainant;
- d) actions taken to address the impact;
- e) actions taken to prevent the re-occurrence of a similar emergency situation in the future; and
- f) method of reporting the incident to the *MOE District Office*

7.3 The *Owner* shall establish and maintain a written record of the *Site* inspections. This record shall be in the form of a log or a dedicated electronic file and it shall include, as a minimum, the following information:

- a) date and time of inspection;
- b) name, title and signature of trained personnel conducting the inspection; and
- c) a listing of all equipment, fencing, signs, etc. inspected and any deficiencies observed; and
- d) recommendations for remedial action and the completion date of such action.

7.4 The *Owner* shall establish and maintain a written record of all occurrences of receipt of unacceptable waste at the *Site* . This record shall be in the form of a log or a dedicated electronic file and it shall include, as a minimum, the following information:

- a) waste generator;
- b) type of unacceptable waste;
- c) an estimate on the amount of unacceptable waste;
- d) nature of unacceptable waste;
- e) steps taken to remove waste;
- f) actions taken by the *Owner* to prevent recurrence.

7.5 The *Owner* shall retain at the Municipal Office for a minimum of two (2) years from the date of their creation, or longer if requested in writing by the *District Manager* , all records and information relating to or resulting from the activities approved under this *ECA* , and shall make all records and information available at all times for inspection by a Provincial Officer.

## **8.0 INSPECTIONS AND SPILLS**

8.1 (i) The *Owner* shall on a monthly basis conduct and document visual inspections of the landfill site for leachate outbreaks.

(ii) Within one (1) week of an leachate outbreak being identified during the monthly inspections identified in Condition 8.1 (i), the *Owner* shall notify the *District Office* in writing of the occurrence and actions to be taken.

8.2 All spills and upsets shall be immediately reported to the Ministry's Spills Action Centre (SAC) and shall be recorded in a log as to the nature of the spill or upset, and the action taken for clean-up, correction and prevention of future occurrences.



## **9.0 ENVIRONMENTAL MONITORING PLAN**

### **Landfill Gas**

9.1 The *Owner* shall ensure that any buildings or structures at the *Site* contain adequate ventilation systems to relieve any possible landfill gas accumulation. Routine monitoring for explosive methane gas levels shall be conducted in all buildings or structures at the *Site*, especially enclosed structures which at times are occupied by people.

### **Compliance Limits**

9.2 The *Site* shall be operated in such a way as to ensure compliance with the following:

9.3 Provincial Water Quality Objectives included in the July 1994 publication entitled *Water Management Policies, Guidelines, Provincial Water Quality Objectives*, as amended from time to time or limits set by the *Regional Director*, for the protection of the surface water at and off the *Site*.

### **Surface Water and Ground Water**

9.4 The *Owner* shall monitor surface water and ground water as per documents in the Schedule "A".

9.5 A certified Professional Geoscientist or Engineer possessing appropriate hydrogeologic training and experience shall execute or directly supervise the execution of the groundwater monitoring and reporting program.

### **Groundwater Wells and Monitors**

9.6 The *Owner* shall ensure that all groundwater monitoring wells which form part of the monitoring program are properly capped, locked and protected from damage.

9.7 Where landfilling is to proceed around monitoring wells, suitable extensions shall be added to the wells and the wells shall be properly re-secured.

9.8 Any groundwater monitoring well included in the on-going monitoring program that are damaged shall be assessed, repaired, replaced or decommissioned by the *Owner*, as required.

(a) The *Owner* shall notify the *District Manager* of any monitoring wells which is destroyed or in any way made to be inoperable for sampling. The *Owner* shall repair or replace within a time frame agreeable to the *District Manager*.

(b) All monitoring wells which are no longer required as part of the groundwater monitoring program, and have been approved by the *District Manager* for abandonment, shall be decommissioned by the *Owner*, as required, in accordance with *O.Reg. 903*, that will prevent contamination through the abandoned well. A report on the decommissioning of the well shall be included in the Annual Report for the period during which the well was decommissioned.

### **Trigger Mechanisms and Contingency Plans**

9.9 (a) The *Owner* shall submit to the *Director*, for approval, and copies to the *District Manager*, within a time frame agreeable to the *District Manager*, details of a trigger mechanisms plan for surface water and groundwater quality monitoring for the purpose of initiating investigative activities into the cause of increased contaminant concentrations at the CAZ limit.

(b) The *Owner* shall submit to the *Director* for approval, and copies to the *District Manager*, within a time frame agreeable to the *District Manager*, details of a contingency plan to be implemented in the event that the surface water or groundwater quality exceeds the a trigger mechanism at the CAZ limit.

9.10 In the event of a confirmed exceedence of a site-specific trigger level relating to leachate mounding or groundwater or surface water impacts due to leachate, the *Owner* shall immediately notify the *District Manager*, and an investigation into the cause and the need for implementation of remedial or contingency actions shall be carried out by the *Owner* in accordance with the approved trigger mechanisms and associated contingency plans.

9.11 If monitoring results, investigative activities and/or trigger mechanisms indicate the need to implement contingency measures, the *Owner* shall ensure that the following steps are taken:

- (a) The *Owner* shall notify the *District Manager*, in writing of the need to implement contingency measures, no later than 30 days after confirmation of the exceedences;
- (b) Detailed plans, specifications and descriptions for the design, operation and maintenance of the contingency measures shall be prepared and submitted by the *Owner* to the *District Manager* for approval; and
- (c) The contingency measures shall be implemented by the *Owner* upon approval by the *District Manager*.

9.12 The *Owner* shall ensure that any proposed changes to the site-specific trigger levels for leachate impacts to the surface water or groundwater, are approved in advance by the *Director* via an amendment to this *ECA*.

### **Changes to the Monitoring Plan**

9.13 The *Owner* may request to make changes to the monitoring program(s) to the *District Manager* in accordance with the recommendations of the annual report. The *Owner* shall make clear reference to the proposed changes in separate letter that shall accompany the annual report.

9.14 Within fourteen (14) days of receiving the written correspondence from the *District Manager* confirming that the *District Manager* is in agreement with the proposed changes to the environmental monitoring program, the *Owner* shall forward a letter identifying the proposed changes and a copy of the correspondences from the *District Manager* and all other correspondences and responses related to the changes to the monitoring program, to the *Director* requesting the *ECA* be amended to approve the proposed changes to the environmental monitoring plan prior to implementation.

9.15 In the event any other changes to the environmental monitoring program are proposed outside of the recommendation of the annual report, the *Owner* shall follow current ministry procedures for seeking approval for amending the *ECA*.

## **10.0 ANNUAL REPORTING**

10.1 By no later than **June 30, 2014**, and by June 30 of every year thereafter, the *Owner* shall submit, to the *District Manager*, an annual *Site* operation, ground and surface water monitoring report prepared by a Professional Engineer or Professional Geoscientist. The report shall contain, but is not limited to, the following information:

- (a) a summary of type and estimated quantity of incoming waste accepted during the reporting

period;

(b) a summary of total amount of waste received at the site, remaining capacity and remaining life expectancy of the *Site* ;

(c) a summary of the *Site* 's operational procedures and an assessment of compliance with the *ECA* requirements;

(d) a summary of recycling operations;

(e) a discussion and/or illustration on any changes that may have occurred in the current reporting period with regards to the landfill's hydrogeologic setting, potentially sensitive groundwater and/or surface water features or changes to the landfill. If no changes occur, then author shall reference appropriate Section(s) in previous reports to direct the reviewer to the existing information.

(f) Sampling protocols, and a description of any problems encountered during the sampling events which may have impacted the reliability of analytical results;

(g) The data shall be interpreted by the author(s) and presented in a manner that is acceptable to the *Director* . All analytical results for all parameters shall be presented in tabular form. All analytical results for the critical contaminants must be compared to the trigger levels in accordance with the environmental contingency plan;

(h) The report shall identify the "*Reasonable Use Criteria* " (Guideline B-7) of the ground water at the site. The report should also identify expected and worst-case impacts;

(i) The report should include a comparison of the results of surface water sampling to the PWQOs or Interim PWQOs described in Water Management, MOE, July 1994, as amended from time to time;

(j) A discussion on the contaminant attenuation zone and buffer zone requirements;

(k) QA/QC protocol must be described; and

(l) The report shall have the conclusions and recommendations of the author(s), especially as they concern future sampling parameters, frequency and protocol.

## 11.0 CLOSURE PLAN

11.1 At least two (2) years prior to the anticipated date of closure of this *Site*, the *Owner* shall submit to the *Director* for approval, with copies to the *District Manager*, a detailed *Site* closure plan pertaining to the termination of landfilling operations at this *Site*, post-closure inspection, maintenance and monitoring, and end use. The plan shall include the following:

(a) a plan showing *Site* appearance after closure;

(b) a description of the proposed end use of the *Site*;

(c) a descriptions of procedures for closure of the *Site*, including:

(i) advance notification of the public of the landfill closure;

(ii) posting of a sign at the *Site* entrance indicating the landfill is closed and identifying any alternative waste disposal arrangements;

(iii) completion, inspection and maintenance of the final cover and landscaping;

(iv) *Site* security;

(v) removal of unnecessary landfill-related structures, buildings and facilities;

(vi) final construction of any control, treatment, disposal and monitoring facilities for leachate, groundwater, surface water and landfill gas; and

(vii) a schedule indicating the time-period for implementing sub-conditions (i) to (vi) above;

(d) descriptions of the procedures for post-closure care of the *Site*, including:

(i) operation, inspection and maintenance of the control, treatment, disposal and monitoring

facilities for leachate, groundwater, surface water and landfill gas;  
(ii) record keeping and reporting; and  
(iii) complaint contact and response procedures;

(e) an assessment of the adequacy of and need to implement the contingency plans for leachate and methane gas; and

(f) an updated estimate of the contaminating life span of the *Site*, based on the results of the monitoring programs to date.

11.2 The *Site* shall be closed in accordance with the closure plan as approved by the *Director*.

### **Schedule "A"**

This Schedule "A" forms part of Provisional Certificate of Approval No. A600903.

1. "Application for a Certificate of Approval for a Waste Disposal Site" dated August 2, 1979.
2. Supporting information for an Application for Approval for a Landfill Disposal Site" dated July 27, 1979.
3. Report entitled "Feasibility Study for Solid Waste Disposal Site, Balmertown and Red Lake" prepared by R.V. Anderson Associated Limited, dated July 27, 1979.
4. Plan entitled "Sketch Showing Road Access and Site Location of Solid Waste Disposal Site" prepared by J.C. Kirkup Limited dated August 1979.
5. Sketch entitled "Balmertown Landfill, Mining Claims KRL 19973 & KRL 19645 showing the location of the mining claims.
6. Memorandum from C. Burns to I. Kulnieks dated August 22, 1980 concerning the monitoring program for the Balmertown Waste Disposal Site.
7. Memorandum from E. Small to C. Burns dated June 23, 1980 concerning the monitoring program for the Balmertown Waste Disposal Site.
8. Report entitled "Waste Disposal Site 2008 Landfill Theoretical Capacity Calculation Determination" prepared for the Municipality of Red Lake by the KGS Group dated February 2008.
9. Report titled "The Corporation of the Municipality of Red Lake, Balmertown Waste Disposal Site, Provisional CofA No. A600903, Landfill Design, Operations and Compliance Plan" dated May 2009 prepared by KGS Group Consulting Engineers".
10. Letter dated November 6, 2009 addressed to Mr. Kaveh Etezadi, Operations Superintendent from Micheal P. Smith, Hydrogeologist, KGS Group Consulting Engineers.
11. Letter dated December 9, 2009 addressed to Kaveh Etezadi, Corporation of the Municipality of Red Lake prepared by J. Bert Smith, P.Eng., KGS Group submitted to the Ministry of the Environment commenting on the draft amendment to the Certificate of Approval.

12. Electronic mail dated December 10, 2009 from Michael Smith, KGS Group Consulting Engineers to Ranjani Munasinghe, Ministry of the Environment Re: e-Waste.
13. Report entitled "Balmertown Waste Disposal Site Provisional C of A No. A600903 Household Hazardous Waste Transfer Building Design and Operations Plan" dated April 2010 prepared by KGS Group.
14. Environmental Compliance Approval application dated April 30, 2013 and signed by Mr. Todd Olsen, Operations Superintendent, Municipality of Red Lake requesting amendments to the Design and Operations Plan.
15. Letter dated May 28, 2013 addressed to Mr. Todd Olsen, Corporation of the Municipality of Red Lake from Mr. Dale Gable, Ministry of the Environment requesting additional information on the revised Design and Operations Plan.
16. Report entitled "Corporation of the Municipality of Red Lake - Balmertown Waste Disposal Site - Design and Operations Manual" prepared by J.R. Cousin Consultants Ltd. (Dated April 2013 and revised June 2013).
17. Drawing 1 of 2 entitled "Existing Contours and Proposed Landfill Layout" prepared by J.R. Cousin Consultants Ltd. (Project No. R-659.01) dated April 15, 2013.

### **Schedule "B"**

This Schedule "B" forms part of Certificate of Approval No. A600903.

#### **Parameter Maximum concentration**

##### **Metals**

arsenic 13 ppm  
cadmium 3 ppm  
chromium 210 ppm  
cobalt 34 ppm  
copper 100 ppm  
lead 150 ppm  
mercury 0.8 ppm  
molybdenum 5 ppm  
nickel 62 ppm  
selenium 2 ppm  
zinc 500 ppm

##### **Foreign material**

plastic particles greater than 3 mm in any direction 1%  
non-biodegradable material greater than 3 mm in any 2 %  
direction

*The reasons for the imposition of these terms and conditions are as follows:*

- 1. The reason for Conditions 1.1 and 1.2 is to ensure that the Site is designed, operated, monitored and maintained in accordance with the application and supporting documentation submitted by the Owner, and not in a manner which the Director has not been asked to consider.*
- 2. The reason for Conditions 1.3, 1. 4. 1. 5, 1.9, 1.10, 1.11, 1.12, and 1.13 is to clarify the legal*

*rights and responsibilities of the Owner under this ECA.*

- 3. Conditions 1.6, 1.7 and 1.8 are included to ensure that the appropriate Ministry staff have ready access to information and the operations of the Site, which are approved under this Certificate.*
- 4. Conditions 1.14 and 1.15 are included, pursuant to subsection 197(1) of the EPA, to provide that any persons having an interest in the Site are aware that the land has been approved and used for the purposes of waste disposal.*
- 5. The reasons for Condition 1.16 are to restrict potential transfer or encumbrance of the Site without the approval of the Director and to ensure that any transfer of encumbrance can be made only on the basis that it will not endanger compliance with this ECA.*
- 6. The reasons for Conditions 1.17 and 1.18 are to ensure that the Site is operated under the corporate name which appears on the application form submitted for this approval and to ensure that the Director is informed of any changes.*
- 7. The reason for Condition 1.19 is to ensure that appropriate Ministry staff have ready access to the Site for inspection of facilities, equipment, practices and operations required by the conditions in this ECA. This condition is supplementary to the powers of entry afforded a Provincial Officer pursuant to the EPA and OWRA.*
- 8. The reason for Condition 2.1 is to ensure the Owner submits a Design, Operation and Maintenance plan for the landfill for approval that reflects the current operations. The condition is also added to ensure the landfill is operated in accordance with Ministry standards, and to ensure the long-term protection of the health and safety of the public and the environment. Once approved, the Plan shall be incorporated into the Certificate.*
- 9. The reason for Condition 2.2 and 2.3 is to ensure any changes to the Design and Operations Plan are approved and incorporated into the Certificate.*
- 10. The reason for Condition 2.4 is to clearly identify that only municipal waste may be landfilled at the Site.*
- 11. The reason for Condition 2.5 is to identify the maximum capacity of the Site.*
- 12. The reason for Condition 2.6 is to clearly identify the service area for the Site.*
- 13. The reason for Condition 3.1 is to ensure the limits of the landfill are clearly identified for the Owner and the Ministry.*
- 14. The reasons for Condition 3.2, 3.3, 3.4, 3.5, 3.6, 3.7 and 3.8 are to ensure the landfill is operated in accordance with Ministry standards, and to ensure the long-term protection of the health and safety of the public and the environment.*
- 15. The reasons for Conditions 3.9, and 3.10 are to ensure the recycling operations are completed in accordance with Ministry Standards, and to ensure the long-term protection of the health and safety of the public and the environment.*
- 16. The reason for Conditions 4.1 to 4.4 is included to ensure that the recyclable materials are stored in their temporary storage location in a manner as to minimize a likelihood of an adverse effect or a hazard to the natural environment or any person.*
- 17. The reason for Conditions 4.5 to 4.9 is to ensure that electronic and electrical waste is stored, transported and disposed of in an environmentally acceptable manner.*
- 18. The reason for Conditions 5.1 to 5.4 is included to approve the leaf and yard waste composting at the Site.*
- 19. The reasons for Conditions 6.1 and 6.8 are included to ensure that waste storage is done in a manner and duration which does not result in a nuisance or a hazard to the health and safety of the environment or people and to ensure that only acceptable waste is received at the HHW Depot, and to ensure all waste received is handled in an appropriate manner.*
- 20. The reasons for Condition 7.1, 7.2, 7.3, 7.4, and 7.5 are to ensure monitoring and reporting are completed in accordance with Ministry standards, and to ensure the long-term health and safety*

*protection of the public and the environment.*

21. *The reasons for Condition 8.1 are to ensure the Owner conducts and documents inspections for leachate seepages around the landfill and to notify the District Office of potential tasks to be taken to address the seepages. This is to ensure seepages are addressed around the Site in order to protect the long term health and safety of the public and the environment.*
22. *The reason for Condition 8.2 is to ensure the report reports any spills in accordance with current requirements.*
23. *The reasons for Condition 9.1 through 9.8 is to ensure the Owner has an established environmental monitoring plan for the Site for the long term health and safety of the public and the environment.*
24. *The reasons for Conditions 9.9 through 9.12 is to ensure that the Owner follows a plan with an organized set of procedures for identifying and responding to unexpected but possible problems at the Site. A remedial action / contingency plan is necessary to ensure protection of the natural environment.*
25. *The reason for Condition 9.13 through 9.15 is to ensure procedures to amend EMP are clearly understood by the Owner.*
26. *The reasons for Condition 10.1 are to ensure the Owner submits an annual summary report to the Ministry so that the landfilling operation can be evaluated to ensure compliance with the Ministry's requirements on annual operations and monitoring. This is to ensure the long-term protection of the health and safety of the public and the environment.*
27. *The reason for Conditions 11.1 and 11.2 is to ensure the Owner has an established approved plan for the closure and post-closure maintenance of the landfill site. This is to ensure the long-term health and safety of the public and the environment.*

**Upon issuance of the environmental compliance approval, I hereby revoke Approval No(s). A600903 issued on March 28, 2008**

*In accordance with Section 139 of the Environmental Protection Act, you may by written Notice served upon me and the Environmental Review Tribunal within 15 days after receipt of this Notice, require a hearing by the Tribunal. Section 142 of the Environmental Protection Act provides that the Notice requiring the hearing shall state:*

1. The portions of the environmental compliance approval or each term or condition in the environmental compliance approval in respect of which the hearing is required, and;
2. The grounds on which you intend to rely at the hearing in relation to each portion appealed.

*Pursuant to subsection 139(3) of the Environmental Protection Act, a hearing may not be required with respect to any terms and conditions in this environmental compliance approval, if the terms and conditions are substantially the same as those contained in an approval that is amended or revoked by this environmental compliance approval.*

*The Notice should also include:*

3. The name of the appellant;
4. The address of the appellant;
5. The environmental compliance approval number;
6. The date of the environmental compliance approval;
7. The name of the Director, and;
8. The municipality or municipalities within which the project is to be engaged in.

*And the Notice should be signed and dated by the appellant.*

*This Notice must be served upon:*

The Secretary\*  
Environmental Review Tribunal  
655 Bay Street, Suite 1500  
Toronto, Ontario  
M5G 1E5

AND

The Director appointed for the  
purposes of Part II.1 of the  
Environmental Protection Act  
Ministry of the Environment  
2 St. Clair Avenue West, Floor  
12A  
Toronto, Ontario  
M4V 1L5

**\* Further information on the Environmental Review Tribunal 's requirements for an appeal can be obtained directly from the Tribunal at: Tel: (416) 212-6349, Fax: (416) 314-3717 or [www.ert.gov.on.ca](http://www.ert.gov.on.ca)**

*The above noted activity is approved under s.20.3 of Part II.1 of the Environmental Protection Act.*

DATED AT TORONTO this 19th day of July, 2013

Tesfaye Gebrezghi, P.Eng.  
Director  
appointed for the purposes of Part II.1 of  
the *Environmental Protection Act*

DG/  
c: Area Manager, MOE Kenora  
c: District Manager, MOE Thunder Bay - District  
Jeff Dyck, J.R. Cousin Consultants Ltd.



**AMENDMENT TO ENVIRONMENTAL COMPLIANCE APPROVAL**

NUMBER A600903

Notice No. 1

Issue Date: October 25, 2017

The Corporation of the Municipality of Red Lake  
Post Office Box, No. 1000  
Balmertown, Ontario  
P0V 1C0

Site Location: Balmertown Waste Disposal Site  
East of Provincial Trunk Hwy 125  
Kenora City, District of Kenora

*You are hereby notified that I have amended Approval No. A600903 issued on July 19, 2013 for the use and operation of 4.8 hectare waste disposal site within a total site area of 24.3 hectares, having a maximum capacity of 240,000 cubic meters, being known as the Balmertown Waste Disposal Site , as follows:*

**The following Conditions are hereby revoked and replaced with the following:**

**2.0 GENERAL OPERATIONS****Approved Waste Types**

- 2.4 (1) Only low leachate producing industrial and construction / demolition waste and wood ash from on-site burning shall be accepted at the *Site* for landfilling.

Low leachate producing waste include:

- Plastics (HDPE pipe, ABS, PVC, 20 L pails (clean), tarps, poly)
- Rubber (hoses, liners, belting, felt)
- Construction and Demolition Materials (typical house and building demolition materials, including asbestos).

**Capacity**

- 2.5 The *Site* shall have a maximum volumetric capacity including waste disposed in the area "fill beyond approved limits" of 240,000 cubic meters.

The *Site* is divided into three (3) waste disposal areas which include: 1) the original waste disposal area; 2) waste disposal area A; and 3) waste disposal area B.

The original waste disposal area has a maximum volumetric capacity of 200,000 cubic meters. This portion of the *Site* is not allowed to receive more waste and has been closed as documented in Item 18 in Schedule "A".

Waste disposal areas A and B each have a maximum volumetric capacity of 20,000 cubic meters.

### **3.0 GENERAL LANDFILL OPERATIONS**

#### **Limit of Landfilling**

- 3.1 The *Owner* shall ensure the limit of any active waste disposal area as show in Item 18 in Schedule "A" is clearly staked or defined at the *Site* .

#### **Cover Material**

- 3.6 i. Alternative materials to soil may be used as weekly and interim cover material, based on an application with supporting information and applicable fee for a trial use or permanent use, submitted by the *Owner* to the *Director*, copied to the *District Manager* and as approved by the *Director* via an amendment to this *ECA*. The alternative material shall be non-hazardous according to *Reg. 347* and will be expected to perform at least as well as soil in relation to the following functions:
- (a) Control of blowing litter, odours, dust, landfill gas, gulls, vectors, vermin and fires;
  - (b) Provision for an aesthetic condition of the landfill during the active life of the *Site*;
  - (c) Provision for vehicle access to the active tipping face; and
  - (d) Compatibility with the design of the *Site* for groundwater protection, leachate management and landfill gas management.
- ii. Approved alternative materials to soil that may be used as weekly and interim cover material, must meet the leachate producing quality requirements of *Section 28 (3), O. Reg. 232/98* and are described in Item 18 in Schedule "A" to include:
- Dried sludge from drying beds, contaminated waste, clays, sands, gravels, and ash from the burn pad.

#### **Recycling**

- 3.9. All recyclable materials shall be properly separated and each area properly identified. The areas shall be kept in a neat and tidy manner.

### **9.0 ENVIRONMENTAL MONITORING PLAN**

#### **Trigger Mechanisms and Contingency Plans**

- 9.9 (a) The *Owner* shall submit to the *Director*, for approval, and copies to the *District Manager*, by March 31, 2018, details of a trigger mechanisms plan for surface water and groundwater quality monitoring for the purpose of initiating investigative activities into the cause of increased contaminant concentrations at the *CAZ* limit.
- (b) The *Owner* shall submit to the *Director* for approval, and copies to the *District Manager*, by March 31, 2018, details of a contingency plan to be implemented in the event that the surface water or groundwater quality exceeds the a trigger mechanism at the *CAZ* limit.

## 11.0 CLOSURE PLAN

- 11.1 At least two (2) years prior to the anticipated date of closure of all the waste disposal areas on this *Site*, the *Owner* shall submit to the *Director* for approval, with copies to the *District Manager*, a detailed *Site* closure plan pertaining to the termination of landfilling operations at this *Site*, post-closure inspection, maintenance and monitoring, and end use. The plan shall include the following:
- (a) a plan showing *Site* appearance after closure;
  - (b) a description of the proposed end use of the *Site*;
  - (c) a descriptions of procedures for closure of the *Site*, including:
    - (i) advance notification of the public of the landfill closure;
    - (ii) posting of a sign at the *Site* entrance indicating the landfill is closed and identifying any alternative waste disposal arrangements;
    - (iii) completion, inspection and maintenance of the final cover and landscaping;
    - (iv) *Site* security;
    - (v) removal of unnecessary landfill-related structures, buildings and facilities;
    - (vi) final construction of any control, treatment, disposal and monitoring facilities for leachate, groundwater, surface water and landfill gas; and
    - (vii) a schedule indicating the time-period for implementing sub-conditions (i) to (vi) above;
  - (d) descriptions of the procedures for post-closure care of the *Site*, including:
    - (i) operation, inspection and maintenance of the control, treatment, disposal and monitoring facilities for leachate, groundwater, surface water and landfill gas;
    - (ii) record keeping and reporting; and
    - (iii) complaint contact and response procedures;
  - (e) an assessment of the adequacy of and need to implement the contingency plans for leachate and methane gas; and
  - (f) an updated estimate of the contaminating life span of the *Site*, based on the results of the monitoring programs to date.

- 11.2 The *Site* shall be closed in accordance with the closure plan as approved by the *Director*.

**The following items are hereby added to Schedule "A" of this ECA :**

18. Report entitled "The Corporation of the Municipality of Red Lake - Balmertown Waste Disposal Site Amended ECA A600903 - Revised Landfill Design, Operations and Compliance Plan" prepared by KGS Group. Dated October 10, 2017.

*The reasons for this amendment to the Approval are as follows:*

- 1. The reason for Condition 2.4 is to clearly identify that only municipal waste may be landfilled at the Site.*
- 2. The reason for Condition 2.5 is to identify the maximum capacity of the Site.*
- 3. The reason for Condition 3.1 is to ensure the limits of the landfill are clearly identified for the Owner and the Ministry.*
- 4. The reasons for Condition 3.9 is to ensure the recycling operations are completed in accordance with Ministry Standards, and to ensure the long-term protection of the health and safety of the public and the environment.*
- 5. The reasons for Condition 9.9 is to ensure that the Owner follows a plan with an organized set of procedures for identifying and responding to unexpected but possible problems at the Site. A remedial action / contingency plan is necessary to ensure protection of the natural environment.*
- 6. The reason for Conditions 11.1 and 11.2 is to ensure the Owner has an established approved plan for the closure and post-closure maintenance of the landfill site. This is to ensure the long-term health and safety of the public and the environment.*

**This Notice shall constitute part of the approval issued under Approval No. A600903 dated July 19, 2013**

*In accordance with Section 139 of the Environmental Protection Act, you may by written Notice served upon me and the Environmental Review Tribunal within 15 days after receipt of this Notice, require a hearing by the Tribunal. Section 142 of the Environmental Protection Act provides that the Notice requiring the hearing shall state:*

- a. The portions of the environmental compliance approval or each term or condition in the environmental compliance approval in respect of which the hearing is required, and;
- b. The grounds on which you intend to rely at the hearing in relation to each portion appealed.

*Pursuant to subsection 139(3) of the Environmental Protection Act, a hearing may not be required with respect to any terms and conditions in this environmental compliance approval, if the terms and conditions are substantially the same as those contained in an approval that is amended or revoked by this environmental compliance approval.*

*The Notice should also include:*

1. The name of the appellant;
2. The address of the appellant;
3. The environmental compliance approval number;
4. The date of the environmental compliance approval;
5. The name of the Director, and;

6. The municipality or municipalities within which the project is to be engaged in.

*And the Notice should be signed and dated by the appellant.*

*This Notice must be served upon:*

The Secretary\*  
Environmental Review Tribunal  
655 Bay Street, Suite 1500  
Toronto, Ontario  
M5G 1E5

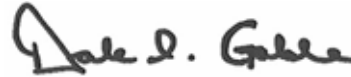
AND

The Director appointed for the purposes of Part II.1 of  
the Environmental Protection Act  
Ministry of the Environment and Climate Change  
135 St. Clair Avenue West, 1st Floor  
Toronto, Ontario  
M4V 1P5

**\* Further information on the Environmental Review Tribunal's requirements for an appeal can be obtained directly from the Tribunal at: Tel: (416) 212-6349, Fax: (416) 326-5370 or [www.ert.gov.on.ca](http://www.ert.gov.on.ca)**

*The above noted activity is approved under s.20.3 of Part II.1 of the Environmental Protection Act.*

DATED AT TORONTO this 25th day of October, 2017



---

Dale Gable, P.Eng.  
Director  
appointed for the purposes of Part II.1 of the  
*Environmental Protection Act*

CM/

c: Area Manager, MOECC Kenora  
c: District Manager, MOECC Thunder Bay - District  
Michael Smith, KGS Group

# **APPENDIX C**

## **Schedule of Fees**



**THE CORPORATION OF THE MUNICIPALITY OF RED LAKE**  
**TRANSFER STATION FEES**

Transfer station Tickets and Bag Tags can be purchased at the Red Lake Municipal Office, Municipal Transfer Station and at other locations as may be authorized, from time to time, by the Municipality of Red Lake.

1. Weigh Scales:

- 1.1 Residential and Multi-Residential - \$ 0.25 per kg (Minimum 10 kg - \$2.50)
- 1.2 Commercial and Light Industrial - \$ 0.25 per kg
- 1.3 Government and Institutional - \$ 0.30 per kg
- 1.4 Large Industrial - \$ 0.30 per kg

2. Bag Tags:

- 2.1 \$ 2.50 per tag (\$25.00 per sheet)

3. Refrigerants

- 3.1 Items containing refrigerant - \$ 40.00

4. Contaminated Material:

Types of material that are classified as contaminated include but not limited to Asbestos and contaminated soils. Contaminated material will only be accepted at the Transfer Station if it is from within the boundaries of the Municipality of Red Lake and a certificate of approval from a laboratory clearing the material for disposal has been produced. Asbestos shall not be loose.

- 4.1 \$0.75/kg plus any costs associated with disposal.

5. Household Hazardous Waste:

- 5.1 Oily Water--\$ 0.50 per liter
- 5.2 Used Fuel--\$ 1.00 per liter
- 5.3 Aerosol Cans--\$ 1.00 each
- 5.4 Fluorescent Lights--\$ 0.75 each
- 5.5 Propane Tanks--\$ 5.00 each
- 5.6 Motor Oil--\$ 0.50 per liter
- 5.7 Other Flammable Liquids--\$ 0.75 per liter
- 5.8 Paint Containers--\$ 1.00 each
- 5.9 Empty plastic oil containers-- \$ 0.25 each
- 5.10 Oil Filters--\$ 1.00 each

6. Propane Fridges and Freezers--\$ 40.00

7. Vehicle Weighing on Scale--\$ 10.00

8. Items Free of Charge:

- 8.1 Residential Tires
- 8.2 Clean Wood (non-painted, stained or treated)
- 8.3 Scrub Vegetation
- 8.4 Household Hazardous Waste not listed above
- 8.5 E-Waste
- 8.6 Scrap Metal





**TRANSFER STATION FEES**

9. In the event that the weigh scales are inoperable, the following fees are to be charged:
- 9.1 \$ 2.50 for each bag, bundle or carton of waste;
  - 9.2 \$ 5.00 for each piece of large individual items; (e.g. couch, chair, mattress, etc.)
  - 9.3 \$ 25.00 for each load of construction material;
  - 9.4 \$ 50.00 for each load of sorted material; (3 ton vehicle or larger)
  - 9.5 \$ 40.00 for equipment containing refrigerant;
10. Account Service Charges:
- Except in the case of a written agreement which provides otherwise, interest charges shall be added to all or any portion of any fees and charges that are due and payable at the rate of 2.25 percent per month (30.61% per annum compounded monthly) on the first day of default, and every thirty days thereafter on all amounts owing during such time as the default continues and such interest charges shall form part of the fees or charges owing.





# **APPENDIX D**

## **Photo Log**



<b>Client:</b>	<b>Municipality of Red Lake</b>	<b>Project:</b>	<b>Red Lake Waste Management Review</b>
<b>Site Name:</b>	<b>Red Lake Waste Transfer Station</b>	<b>Site Location:</b>	<b>15U 447554 m E 5654404 m N</b>
<b>Photograph ID: 1</b>			
<b>Photo Location:</b> Co-mingled recycling area			
<b>Direction:</b> n/a			
<b>Survey Date:</b> 10/28/2021			
<b>Comments:</b>			
<b>Photograph ID: 2</b>			
<b>Photo Location:</b> E-waste storage area			
<b>Direction:</b> n/a			
<b>Survey Date:</b> 10/28/2021			
<b>Comments:</b>			

<b>Client:</b>	<b>Municipality of Red Lake</b>	<b>Project:</b>	<b>Red Lake Waste Management Review</b>
<b>Site Name:</b>	<b>Red Lake Waste Transfer Station</b>	<b>Site Location:</b>	<b>15U 447554 m E 5654404 m N</b>
<b>Photograph ID: 3</b>			
<b>Photo Location:</b> Scrap metals storage area			
<b>Direction:</b> n/a			
<b>Survey Date:</b> 10/28/2021			
<b>Comments:</b>			
<b>Photograph ID: 4</b>			
<b>Photo Location:</b> Appliances storage area			
<b>Direction:</b> n/a			
<b>Survey Date:</b> 10/28/2021			
<b>Comments:</b>			

<b>Client:</b>	<b>Municipality of Red Lake</b>	<b>Project:</b>	<b>Red Lake Waste Management Review</b>
<b>Site Name:</b>	<b>Red Lake Waste Transfer Station</b>	<b>Site Location:</b>	<b>15U 447554 m E 5654404 m N</b>
<b>Photograph ID: 5</b>			
<b>Photo Location:</b> Shipping containers for the storage of tires and appliances			
<b>Direction:</b> n/a			
<b>Survey Date:</b> 10/28/2021			
<b>Comments:</b>			
<b>Photograph ID: 6</b>			
<b>Photo Location:</b> Hazardous waste storage area			
<b>Direction:</b> n/a			
<b>Survey Date:</b> 10/28/2021			
<b>Comments:</b>			



<b>Client:</b>	<b>Municipality of Red Lake</b>	<b>Project:</b>	<b>Red Lake Waste Management Review</b>
<b>Site Name:</b>	<b>Red Lake Waste Transfer Station</b>	<b>Site Location:</b>	<b>15U 447554 m E 5654404 m N</b>
<b>Photograph ID: 7</b>			
<b>Photo Location:</b> Hazardous waste storage area			
<b>Direction:</b> n/a			
<b>Survey Date:</b> 10/28/2021			
<b>Comments:</b>			
<b>Photograph ID: 8</b>			
<b>Photo Location:</b> Batteries storage area			
<b>Direction:</b> n/a			
<b>Survey Date:</b> 10/28/2021			
<b>Comments:</b>			

<b>Client:</b>	<b>Municipality of Red Lake</b>	<b>Project:</b>	<b>Red Lake Waste Management Review</b>
<b>Site Name:</b>	<b>Red Lake Waste Transfer Station</b>	<b>Site Location:</b>	<b>15U 447554 m E 5654404 m N</b>
<b>Photograph ID: 9</b>			
<b>Photo Location:</b> Pressurized containers storage area			
<b>Direction:</b> n/a			
<b>Survey Date:</b> 10/28/2021			
<b>Comments:</b>			
<b>Photograph ID: 10</b>			
<b>Photo Location:</b> Drive up location of storage hoppers			
<b>Direction:</b> n/a			
<b>Survey Date:</b> 10/28/2021			
<b>Comments:</b>			



<b>Client:</b>	<b>Municipality of Red Lake</b>	<b>Project:</b>	<b>Red Lake Waste Management Review</b>
<b>Site Name:</b>	<b>Red Lake Waste Transfer Station</b>	<b>Site Location:</b>	<b>15U 447554 m E 5654404 m N</b>
<b>Photograph ID: 11</b>			
<b>Photo Location:</b> Balmertown WDS expansion area			
<b>Direction:</b> n/a			
<b>Survey Date:</b> 10/28/2021			
<b>Comments:</b>			

# **APPENDIX E**

## **Acceptable Materials Listings**



# Recycling Collection

Don't sort them. Don't bag them.  
Just empty them and toss them in loose.

## Accepted:

### PAPER



- All household and office paper: newspaper, inserts, flyers, catalogues, magazines, telephone books, paper gift wrap, greeting cards
- Paper bags with single & multiple paper layers, e.g., pet food bags
- Corrugated cardboard and cardboard boxes
- Hot and cold beverage cups

Place shredded paper in a clear, full-size (77-litre) plastic bag.



### CONTAINERS



All food, beverage and household plastic containers, plastic packaging: bottles, jugs, tubs, pails, clamshells, cold drink cups

- look for arrow triangle
- empty containers only
- remove caps and lids



**Metal:** steel and aluminum cans, foil and trays

- for food and beverages
- empty containers only

**TetraPak and gable top cartons:**

- juice boxes and cartons
- soup boxes
- milk cartons

**Glass Food & Beverage Containers**



**EMTERRA**  
Environmental

Thinking innovatively  
Transforming waste to resources®

[www.emterra.ca](http://www.emterra.ca)

## Not Accepted:

Please rinse containers.

- Plastic bags
- Styrofoam packaging and trays
- Non-paper gift wrap, e.g. foil gift wrap
- Cardboard boxes with wax coating
- Foil-lined boxes or bags
- Paper towels, napkins or tissues
- Used motor oil containers & batteries
- Bioplastic or compostable plastic
- Liquid-absorbing pads, e.g., in trays of meat, poultry, fish, etc.
- Plastic wrap and shrink wrap for meat, poultry, fish or cheese
- Plastic blister packs, e.g. plastic/paper packaging for batteries, toothbrushes, etc. or plastic/foil protective packaging for chewing gum and pills
- Ceramic plant pots
- Plastics that are not containers, e.g. toys, laundry baskets, plastic cutlery
- Mirrors, window glass, broken glass





Look Inside for  
Important Information  
on:

- Contact Information
- Frequent Q & A
- Municipal Transfer Station Information



# Municipality of Red Lake

## Waste Management Information Guide

- Curbside Waste & Recycling Collection Information
- Recyclable Items & Non-Recyclable Items
- Waste & Recycling Collection Schedule



## Frequently Asked Questions



### 1. How much do bag tags cost?

Bag tags are purchased in sheets of 10 tags at a cost of \$25.00 (\$2.50/tag). One bag tag is required for each bag of waste.

### 2. Can I use clear or translucent blue bags for setting out my recycling?

No, the only recyclable item that may be placed in a clear or clear blue translucent bag is shredded paper.

### 3. What type of container do I use for my recyclables?

Recyclables can be placed at curbside in any type of container, but not in plastic bags.

### 4. Do I put my glass in the one stream recycling system?

No, glass shall be included with your regular household waste.

### 5. Can I bring a fridge or freezer to the Transfer Station?

Yes, the Transfer Station will accept items containing Freon as well as propane fridges and freezers for a fee.

### 6. Can I put reusable items out for curbside collection or drop off at the Transfer Station?

No, reusable items are not accepted for curbside collection nor are they accepted at the Transfer Station. Reusable items can be placed at the curb for neighbours to pick up ONLY on designated Trash to Treasure Days.

### 7. Can disposable coffee cups be recycled?

Tim Horton's coffee cups can!! All other disposable coffee cups' paper is chemically treated.

### 8. Do I have to sort my recyclables?

No. Recyclables do not need to be sorted. Rinse all items and toss in a container loosely. Do not stack or stuff recyclables inside each other.



Recycling Works!

## Contact Information



### Waste & Recycling Information

Transfer Station – 729-4023

Transfer Station Email - [transfer.site@redlake.ca](mailto:transfer.site@redlake.ca)

Municipal Office – 735-2096

Municipal Website - [www.redlake.ca](http://www.redlake.ca)

### Waste Disposal Site Hours of Operation

Tuesday, Wednesday, Friday & Saturday

10:00 a.m. – 4:00 p.m.

Sunday, Monday & Thursday – CLOSED

### Household Hazardous Waste Hours of Operation

Saturdays: 10:00 a.m. – 4:00 p.m.

**Curbside Collection Schedules** will be posted in the Municipal Newsletter and on the Municipal Website.



# Municipal Transfer Station



The Municipal Transfer Station is a waste and recyclables transfer site located on Highway 125 between Red Lake and Balmertown.

Various types of refuse are accepted. Some items can be dropped off at no charge (see list below) and some items require a disposal fee.

When entering the Transfer Station be mindful of the attendants and obey the traffic light before entering the scale house area.

## Free Disposal Items

- Clean Wood & Brush
- E-Waste
- Scrap Steel/Metal
- Yard Waste
- Recyclables
- Tires (private vehicles only)

## Bag Tags & Waste Disposal Tickets

Can be purchased at the following locations:

- Municipal Office
- Mitchel's Midtown
- Diane's Gas Bar
- T.J's Kwik Stop
- Waste Transfer Station
- Red Lake Community Centre

## Household Hazardous Waste

Household hazardous waste is hazardous materials used during the **normal** operation of a household.

If the hazardous material is **unknown or mixed** with another hazardous material it **will not be accepted** at the Waste Transfer Station.

Household hazardous materials **shall be in its' original container**.

Household Hazardous Waste that will be accepted at the Waste Transfer Station shall include:

- Paint & Paint Thinner
- Herbicides & Pesticides
- Oil containers
- Fuel (gasoline)
- Antifreeze containers
- Used petroleum oil and filters
- Aerosols
- Cleaners
- Propane tanks
- Fluorescent & LED light bulbs
- Flammable liquids
- Batteries

## E-Waste (Free Disposal Items)

- Computers & computer related equipment
- Printers, scanners, copiers, fax machines
- Radios, stereos, disc players
- Equalizers & amplifiers
- Speakers & receivers
- Telephones, pagers & answering machines
- Cameras, video players & video recorders
- Televisions & computer monitors

## Accepted Methods of Payment at Transfer Station

Cash ~ Debit ~ Major Credit Cards ~ Bag Tags ~ Waste Disposal Tickets

# Curbside Collection Information

Domestic household waste and recyclables can be placed at curbside for collection on regularly scheduled collection days (see the Waste & Recycling Collection Schedule attached).

This page outlines some of the limitations and restrictions related to curbside collection.

## Non-Collectable Waste (Curbside)

The following items will not be collected curbside and must be brought directly to the Transfer Station:

- Manufacturers/Trade Waste
- Construction/Demolition Material
- Explosive or highly combustible materials
- Hay, straw and agricultural manure
- Compostable material from yards or gardens such as plants, leaves, grass clippings and small bushes
- Trimmings from hedges, trees and shrubs
- Material that has become frozen to the container and cannot be removed by shaking
- Discarded furniture, household items and appliances
- Asbestos
- Automotive parts, scrap metal
- Smoke detectors/alarms
- Waste containing recyclable material

## Curbside Placement

- Waste and recyclables shall be placed at the curbside on the day of collection and not be placed at curbside overnight.
- All waste shall be placed in a garbage bag (up to 120 litres capacity). Each bag shall be securely tied and weigh no more than 15 kg.
- All waste bags shall have a bag tag attached.
- Bags shall be placed at the curb in either a covered container or securely covered with a blanket.
- All waste & recyclables shall be placed within 1 metre from the curb.

## Why were my Waste or Recyclables not collected?

The collection contractor may not pick up your waste and/or recyclable materials for the following reasons:

- Waste contains recyclable materials
- Recyclables are mixed with non-recyclables or waste
- Waste does not have a bag tag or the bag tag is damaged
- Waste is more than 15 kg
- Waste and/or recyclables have been placed further than 1 metre from the curb
- Waste and/or recyclable container is blocked (ie. snow bank, parked vehicle)
- Waste and/or recyclables contain contaminated material
- Waste is not placed in a covered container or securely

## Dumpsters

All dumpsters located on **private property** are the responsibility of the property owner for the collection and removal of such waste and recyclable materials.





# What can I Recycle?



## YES

These items can be placed in your recycling – no sorting required. Toss all items in loose (do not stack or stuff into each other)

## NO

You cannot put these items in your recycling

### Paper

Newspapers, flyers, magazines, books (with hard cover removed), telephone books, computer paper, brown paper bags, shredded paper (placed in a clear or blue translucent bag), envelopes (with windows removed)

### Paper

Tissue paper, wrapping paper, bows, hard covers of a book, paper towel/tissues, wax paper

### Boxboard & Cardboard

Juice/milk cartons, tetra packs (juice boxes), cereal/cracker boxes, tissue boxes, paper rolls/tubes, shoe boxes, cardboard egg cartons, disposable coffee cups (Tim Horton's brand only), corrugated cardboard boxes, pizza boxes  
► Remove liners or bags & flatten

### Boxboard

Disposable coffee cups (other than Tim Horton's brand), frozen juice containers, containers with metal bottom or trim (ie. Pringles, coffee containers, iced tea mix containers)

### Metal

Food & beverage cans and lids  
► Rinse thoroughly

### Metal

Aluminum foil, aluminum food containers (pie plates, etc.), pots & pans, cookie sheets, metal hangers

### Plastic

Plastic bottles, jugs, containers and lids with the following numbers:  
❖ #2-7 in a recycling symbol  
❖ #1 in a recycling symbol on clear plastic (single use food trays and containers, etc)  
► Rinse thoroughly and remove lids

### Plastic

Plastic shopping bags, ziplocs and plastic lined bags (ie. dog food bags, chip bags, candy wrappers), plastic wrap, cutlery, toys, hoses, bubble wrap, planting flats and pots

### Glass

None

### Glass

All glass, ceramics, mirrors

### Styrofoam

None

### Styrofoam

Foam packaging, cups, egg cartons, meat trays, containers, packing peanuts

## Other local recycling programs

- Liquor, beer & wine containers can be returned to the Beer Store or Balmertown Food Fair for a refund
- Household batteries can be returned to deposit boxes located at the Municipal Office, the Transfer Station & Wilson's Business Solutions
- Ink and laser printing cartridges can be returned to Wilson's Business Solutions
- Single use plastic shopping bags can be dropped off for re-use at the 2nd Chance Thrift Store and Encore Kidz Warehouse

# Waste & Recycling Collection Schedule

January 2022				
Mon	Tues	Wed	Thurs	Fri
3	4	5	6	7
10	11	12	13	14
17	18	19	20	21
24	25	26	27	28
31				

February 2022				
Mon	Tues	Wed	Thurs	Fri
	1	2	3	4
7	8	9	10	11
14	15	16	17	18
21	22	23	24	25
28				

March 2022				
Mon	Tues	Wed	Thurs	Fri
	1	2	3	4
7	8	9	10	11
14	15	16	17	18
21	22	23	24	25
28	29	30	31	

April 2022				
Mon	Tues	Wed	Thurs	Fri
				1
4	5	6	7	8
11	12	13	14	15
18	19	20	21	22
25	26	27	28	29

May 2022				
Mon	Tues	Wed	Thurs	Fri
2	3	4	5	6
9	10	11	12	13
16	17	18	19	20
23	24	25	26	27
30	31			

June 2022				
Mon	Tues	Wed	Thurs	Fri
		1	2	3
6	7	8	9	10
13	14	15	16	17
20	21	22	23	24
27	28	29	30	

 **Red Lake** – Residentail Garbage  
**Madsen/Starratt Olsen** – Residential Garbage  
**McKenzie Island** – Residential Garbage  
 **Balmertown** – Residential Recycling  
**Chukuni Subdivision** – Residential Recycling  
**Cochenour** – Residential Recyling

 **Balmertown** – Residential Garbage  
**Balmertown** – Commercial Recycling  
**Cochenour** – Residential Garbage  
**Cochenour** – Commercial Recycling  
**Red Lake** – Commercial Recycling  
**Chukuni Subdivision** – Residential Garbage  
 **Red Lake** – Residential Recycling  
**Madsen/Starratt Olsen** – Residential Recycling  
 **McKenzie Island** – Residential Recycling



## Commercial

### CASCADES RECOVERY+

a division of Cascades Canada ULC

100 Omands Creek

Winnipeg, MB Canada R2R 1V7

Office: 204-632-4457

The mixed containers and paper should be **loose or bagged in clear bags only** when placed into our outside bin with the cardboard.

All cardboard boxed **must be broken down and empty** when placed into the bin

### **PAPER AND CONTAINER COLLECTION PROGRAM**

Acceptable **containers** include:

- Plastic bottles #1 clear and transparent green only, no solid colours (water, soft drinks, emptied)
- Clear clam shell containers #1 – no solid colours
- Aluminum drink cans
- Tin food cans (rinsed if possible)
- Plastic milk and juice jugs #2 natural or solid
- Juice boxes and Tetra pack style boxes (Gable Top)

Acceptable **paper** products include:

- General office paper
- Newspaper and inserts, flyers and junk mail
- Magazines, phone books, household paper and envelopes
- Cardboard egg cartons and paper tubes
- Flattened boxboard e.g: cereal boxes, cracker, tissue, laundry, shoe and packing boxes
- Shredded paper (bagged separately in clear bag's)

**Non-acceptable** items include:

- Plastic bags, packaging, strapping and cellophane
- Aluminum foil or foil pie plates
- Foil or foam takeout containers
- Scrap metal (household items or car parts)
- Carbon type paper
- Wax covered cardboard (food or beverage containers)
- Foam packaging, foam egg cartons or foam meat trays
- Light Bulbs, batteries
- Aerosol Cans
- Coffee Cups & Lids
- Propane Tanks (Hazardous Containers)
- Black plastic or solid coloured #1 PET, also #3 & #6, #7
- Non-numbered plastic containers
- Glass jars and bottles



# **APPENDIX F**

## **Completed Public Engagement Surveys**

#1

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Wednesday, December 22, 2021 3:11:28 PM  
**Last Modified:** Wednesday, December 22, 2021 3:29:27 PM  
**Time Spent:** 00:17:59  
**IP Address:** 184.69.35.66

Page 1

Q1

How many people (including yourself) live in your household?

3

Q2

How many garbage bags (standard black bags) of waste does your household throw out per week?

2

Q3

How many bins (standard 16 gallon recycling bin) of mixed recyclables does your household put out every second week?

3

Q4

Do you regularly use the Municipal curbside waste collection service?

no (if not, please specify why not):

I always forget on the day, forget to buy bag tags or run out of time in the morning

Q5

Do you currently recycle?

Yes

Q6

If you recycle, what types of materials do you typically recycle? (check all that apply)

used oil and oil filters,

paint/anti-freeze containers,

metal cans,

co-mingled plastics and paper containers/packaging

**Q7**

Do you regularly use the Municipal curbside recycling collection service?

No (if not, please specify why not):

I always forget on the day or run out of time in the morning

**Q8**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off your garbage?

Yes

**Q9**

If you drop off materials at the Municipal Transfer Station, what types of materials do you drop off? (check all that apply)

household garbage,

bulky items that can't be picked up curbside (e.g., furniture)

**Q10**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off recyclables?

Yes

**Q11**

If you drop off recyclables at the Municipal Transfer Station, what materials do you usually drop off? (check all that apply)

co-mingled recyclables,

hazardous waste (e.g., oil, oil filters, paint)

**Q12**

Do you participate in backyard composting?

No (if not, please specify why not):

I am concerned about not doing it properly and wildlife getting to it

**Q13**

How satisfied are you with the current Municipal curbside waste collection service?

Satisfied

**Q14**

How satisfied are you with the current Municipal curbside recycling collection service?

Satisfied

**Q15**

How satisfied are you with the current transfer site operations?

Satisfied

**Q16**

Respondent skipped this question

What improvements to waste or recycling programs would you like to see in your community?

---

**Q17**

Respondent skipped this question

Do you have any other final comments regarding waste or recycling services in Red Lake?

---

#2

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Wednesday, December 22, 2021 3:33:33 PM  
**Last Modified:** Wednesday, December 22, 2021 3:35:18 PM  
**Time Spent:** 00:01:44  
**IP Address:** 24.76.12.12

Page 1

Q1

How many people (including yourself) live in your household?

3

Q2

How many garbage bags (standard black bags) of waste does your household throw out per week?

3

Q3

How many bins (standard 16 gallon recycling bin) of mixed recyclables does your household put out every second week?

4

Q4

Do you regularly use the Municipal curbside waste collection service?

no (if not, please specify why not):  
We take to the WTS

Q5

Do you currently recycle?

Yes

Q6

If you recycle, what types of materials do you typically recycle? (check all that apply)

metal cans,  
co-mingled plastics and paper containers/packaging

Q7

Do you regularly use the Municipal curbside recycling collection service?

No (if not, please specify why not):  
We take to the WTS

**Q8****Yes**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off your garbage?

---

**Q9**

**household garbage,  
construction/renovation waste (e.g., flooring, drywall)**

If you drop off materials at the Municipal Transfer Station, what types of materials do you drop off? (check all that apply)

---

**Q10****Yes**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off recyclables?

---

**Q11****co-mingled recyclables**

If you drop off recyclables at the Municipal Transfer Station, what materials do you usually drop off? (check all that apply)

---

**Q12**

No (if not, please specify why not):  
No space

Do you participate in backyard composting?

---

**Q13****Neutral**

How satisfied are you with the current Municipal curbside waste collection service?

---

**Q14****Neutral**

How satisfied are you with the current Municipal curbside recycling collection service?

---

**Q15****Satisfied**

How satisfied are you with the current transfer site operations?

---

**Q16****Respondent skipped this question**

What improvements to waste or recycling programs would you like to see in your community?

---

**Q17****Respondent skipped this question**

Do you have any other final comments regarding waste or recycling services in Red Lake?

---

#3

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Wednesday, December 22, 2021 3:40:47 PM  
**Last Modified:** Wednesday, December 22, 2021 3:59:06 PM  
**Time Spent:** 00:18:19  
**IP Address:** 184.69.35.66

Page 1

Q1

How many people (including yourself) live in your household?

4

Q2

How many garbage bags (standard black bags) of waste does your household throw out per week?

3

Q3

How many bins (standard 16 gallon recycling bin) of mixed recyclables does your household put out every second week?

1 very large bin

Q4

Do you regularly use the Municipal curbside waste collection service?

no (if not, please specify why not):

I often miss collection to my own fault so I end up going to the landfill on weekends instead to drop off myself

Q5

Do you currently recycle?

Yes

Q6

If you recycle, what types of materials do you typically recycle? (check all that apply)

co-mingled plastics and paper containers/packaging,  
appliances (e.g., stoves, washers, fridges)

Q7

Do you regularly use the Municipal curbside recycling collection service?

No (if not, please specify why not):

I often miss collection to my own fault so I end up going to the landfill on weekends instead to drop off myself

**Q8****Yes**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off your garbage?

---

**Q9****household garbage,**

If you drop off materials at the Municipal Transfer Station, what types of materials do you drop off? (check all that apply)

---

**bulky items that can't be picked up curbside (e.g., furniture)****Q10****Yes**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off recyclables?

---

**Q11****co-mingled recyclables**

If you drop off recyclables at the Municipal Transfer Station, what materials do you usually drop off? (check all that apply)

---

**Q12****Yes**

Do you participate in backyard composting?

---

**Q13****Satisfied**

How satisfied are you with the current Municipal curbside waste collection service?

---

**Q14****Satisfied**

How satisfied are you with the current Municipal curbside recycling collection service?

---

**Q15****Satisfied**

How satisfied are you with the current transfer site operations?

---



**Q16**

What improvements to waste or recycling programs would you like to see in your community?

That stores no longer use/provide unrecyclable plastic bags at check out. There are stores that are doing this, but not all.

That those who purchase milk in milk jugs are provided a refund. In Alberta, they are charged a deposit on the purchase of milk jugs, but then receive a refund from the recycling depot. Not sure if this could be an option. Perhaps it would be more of an incentive when it comes to recycling milk jugs? Not sure how successful this is in Alberta (in increasing recycling through financial incentives) or if this is problematic in our area.

---

**Q17**

Respondent skipped this question

Do you have any other final comments regarding waste or recycling services in Red Lake?

---

## #4

**COMPLETE**

**Collector:** Web Link 1 (Web Link)  
**Started:** Wednesday, December 22, 2021 3:55:55 PM  
**Last Modified:** Wednesday, December 22, 2021 4:04:48 PM  
**Time Spent:** 00:08:53  
**IP Address:** 184.69.35.66

---

Page 1

**Q1**

How many people (including yourself) live in your household?

4

**Q2**

How many garbage bags (standard black bags) of waste does your household throw out per week?

.5

**Q3**

How many bins (standard 16 gallon recycling bin) of mixed recyclables does your household put out every second week?

4

**Q4****Yes**

Do you regularly use the Municipal curbside waste collection service?

**Q5****Yes**

Do you currently recycle?

**Q6**

If you recycle, what types of materials do you typically recycle? (check all that apply)

used batteries,  
used oil and oil filters,  
paint/anti-freeze containers,  
electronic waste (e.g., TVs, computers),  
propane tanks,  
metal cans,  
scrap metal,  
co-mingled plastics and paper containers/packaging,  
appliances (e.g., stoves, washers, fridges)

**Q7**

Do you regularly use the Municipal curbside recycling collection service?

Yes

**Q8**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off your garbage?

Yes

**Q9**

If you drop off materials at the Municipal Transfer Station, what types of materials do you drop off? (check all that apply)

household garbage,  
bulky items that can't be picked up curbside (e.g., furniture),  
,  
construction/renovation waste (e.g., flooring, drywall)

**Q10**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off recyclables?

Yes

**Q11**

If you drop off recyclables at the Municipal Transfer Station, what materials do you usually drop off? (check all that apply)

co-mingled recyclables,  
clean wood,  
large batteries,  
small household batteries,  
hazardous waste (e.g., oil, oil filters, paint),  
appliances (e.g., fridges, stoves),  
scrap metal,  
electronic waste (e.g., TVs, computers)

**Q12****Yes**

Do you participate in backyard composting?

---

**Q13****Neutral**

How satisfied are you with the current Municipal curbside waste collection service?

---

**Q14****Neutral**

How satisfied are you with the current Municipal curbside recycling collection service?

---

**Q15****Satisfied**

How satisfied are you with the current transfer site operations?

---

**Q16**

What improvements to waste or recycling programs would you like to see in your community?  
an electric countertop quick composter purchase program?

---

**Q17**

Do you have any other final comments regarding waste or recycling services in Red Lake?

no comment

---

#5

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Wednesday, December 22, 2021 4:05:16 PM  
**Last Modified:** Wednesday, December 22, 2021 4:08:41 PM  
**Time Spent:** 00:03:24  
**IP Address:** 24.76.12.12

---

Page 1

**Q1**

How many people (including yourself) live in your household?

2

**Q2**

How many garbage bags (standard black bags) of waste does your household throw out per week?

1

**Q3**

How many bins (standard 16 gallon recycling bin) of mixed recyclables does your household put out every second week?

2

**Q4**

Yes

Do you regularly use the Municipal curbside waste collection service?

**Q5**

Yes

Do you currently recycle?

**Q6**used batteries,  
co-mingled plastics and paper containers/packaging

If you recycle, what types of materials do you typically recycle? (check all that apply)

**Q7**

Yes

Do you regularly use the Municipal curbside recycling collection service?

**Q8****Yes**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off your garbage?

---

**Q9**

**household garbage,**  
**construction/renovation waste (e.g., flooring, drywall)**

If you drop off materials at the Municipal Transfer Station, what types of materials do you drop off? (check all that apply)

---

**Q10****Yes**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off recyclables?

---

**Q11**

**co-mingled recyclables,**  
**clean wood,**  
**large batteries,**  
**hazardous waste (e.g., oil, oil filters, paint),**  
**scrap metal,**  
**electronic waste (e.g., TVs, computers)**

If you drop off recyclables at the Municipal Transfer Station, what materials do you usually drop off? (check all that apply)

---

**Q12****Yes**

Do you participate in backyard composting?

---

**Q13****Satisfied**

How satisfied are you with the current Municipal curbside waste collection service?

---

**Q14****Satisfied**

How satisfied are you with the current Municipal curbside recycling collection service?

---

**Q15****Satisfied**

How satisfied are you with the current transfer site operations?

---

**Q16**

What improvements to waste or recycling programs would you like to see in your community?

Compost pick up

---

**Q17**

**Respondent skipped this question**

Do you have any other final comments regarding waste or recycling services in Red Lake?

---

#6

**COMPLETE**

**Collector:** Web Link 1 (Web Link)  
**Started:** Thursday, December 23, 2021 6:03:33 AM  
**Last Modified:** Thursday, December 23, 2021 6:07:07 AM  
**Time Spent:** 00:03:33  
**IP Address:** 199.243.248.19

---

Page 1

**Q1**

How many people (including yourself) live in your household?

4

**Q2**

How many garbage bags (standard black bags) of waste does your household throw out per week?

2

**Q3**

How many bins (standard 16 gallon recycling bin) of mixed recyclables does your household put out every second week?

6

**Q4**

Do you regularly use the Municipal curbside waste collection service?

no (if not, please specify why not):  
To many restrictions**Q5**

Do you currently recycle?

Yes

**Q6**

If you recycle, what types of materials do you typically recycle? (check all that apply)

co-mingled plastics and paper containers/packaging

**Q7**

Do you regularly use the Municipal curbside recycling collection service?

Yes



**Q8****Yes**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off your garbage?

---

**Q9****household garbage**

If you drop off materials at the Municipal Transfer Station, what types of materials do you drop off? (check all that apply)

---

**Q10****No**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off recyclables?

---

**Q11****co-mingled recyclables**

If you drop off recyclables at the Municipal Transfer Station, what materials do you usually drop off? (check all that apply)

---

**Q12****Yes**

Do you participate in backyard composting?

---

**Q13****Neutral**

How satisfied are you with the current Municipal curbside waste collection service?

---

**Q14****Satisfied**

How satisfied are you with the current Municipal curbside recycling collection service?

---

**Q15****Satisfied**

How satisfied are you with the current transfer site operations?

---

**Q16**

What improvements to waste or recycling programs would you like to see in your community?

Composting site.

---

**Q17**

**Respondent skipped this question**

Do you have any other final comments regarding waste or recycling services in Red Lake?

---

#7

**COMPLETE**

**Collector:** Web Link 1 (Web Link)  
**Started:** Thursday, December 23, 2021 7:16:22 AM  
**Last Modified:** Thursday, December 23, 2021 7:21:23 AM  
**Time Spent:** 00:05:00  
**IP Address:** 65.93.32.105

---

Page 1

**Q1**

How many people (including yourself) live in your household?

2

**Q2**

How many garbage bags (standard black bags) of waste does your household throw out per week?

1

**Q3**

How many bins (standard 16 gallon recycling bin) of mixed recyclables does your household put out every second week?

1/2

**Q4**

Do you regularly use the Municipal curbside waste collection service?

no (if not, please specify why not):  
?**Q5**

Do you currently recycle?

Yes

**Q6**

If you recycle, what types of materials do you typically recycle? (check all that apply)

metal cans,  
co-mingled plastics and paper containers/packaging**Q7**

Do you regularly use the Municipal curbside recycling collection service?

Yes

**Q8****Yes**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off your garbage?

---

**Q9****household garbage**

If you drop off materials at the Municipal Transfer Station, what types of materials do you drop off? (check all that apply)

---

**Q10****No**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off recyclables?

---

**Q11****Respondent skipped this question**

If you drop off recyclables at the Municipal Transfer Station, what materials do you usually drop off? (check all that apply)

---

**Q12**

No (if not, please specify why not):  
?

Do you participate in backyard composting?

---

**Q13****Satisfied**

How satisfied are you with the current Municipal curbside waste collection service?

---

**Q14****Satisfied**

How satisfied are you with the current Municipal curbside recycling collection service?

---

**Q15****Satisfied**

How satisfied are you with the current transfer site operations?

---

**Q16****Respondent skipped this question**

What improvements to waste or recycling programs would you like to see in your community?

---

**Q17****Respondent skipped this question**

Do you have any other final comments regarding waste or recycling services in Red Lake?

---

#8

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Thursday, December 23, 2021 7:38:03 AM  
**Last Modified:** Thursday, December 23, 2021 7:39:42 AM  
**Time Spent:** 00:01:38  
**IP Address:** 184.68.75.250

---

Page 1

**Q1**

How many people (including yourself) live in your household?

2

**Q2**

How many garbage bags (standard black bags) of waste does your household throw out per week?

1

**Q3**

How many bins (standard 16 gallon recycling bin) of mixed recyclables does your household put out every second week?

2

**Q4**

Yes

Do you regularly use the Municipal curbside waste collection service?

**Q5**

Yes

Do you currently recycle?

**Q6**

If you recycle, what types of materials do you typically recycle? (check all that apply)

electronic waste (e.g., TVs, computers),  
metal cans,  
scrap metal,  
co-mingled plastics and paper containers/packaging,  
appliances (e.g., stoves, washers, fridges)

---

**Q7****Yes**

Do you regularly use the Municipal curbside recycling collection service?

---

**Q8****No**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off your garbage?

---

**Q9****None of the above**

If you drop off materials at the Municipal Transfer Station, what types of materials do you drop off? (check all that apply)

---

**Q10****Yes**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off recyclables?

---

**Q11****electronic waste (e.g., TVs, computers)**

If you drop off recyclables at the Municipal Transfer Station, what materials do you usually drop off? (check all that apply)

---

**Q12****Yes**

Do you participate in backyard composting?

---

**Q13****Neutral**

How satisfied are you with the current Municipal curbside waste collection service?

---

**Q14****Neutral**

How satisfied are you with the current Municipal curbside recycling collection service?

---

**Q15****Neutral**

How satisfied are you with the current transfer site operations?

---

**Q16**

What improvements to waste or recycling programs would you like to see in your community?

More government funding

---

**Q17**

Respondent skipped this question

Do you have any other final comments regarding waste or recycling services in Red Lake?

---

#9

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Thursday, December 23, 2021 10:01:13 AM  
**Last Modified:** Thursday, December 23, 2021 10:05:07 AM  
**Time Spent:** 00:03:54  
**IP Address:** 70.50.28.169

---

Page 1

**Q1**

How many people (including yourself) live in your household?

2

**Q2**

How many garbage bags (standard black bags) of waste does your household throw out per week?

0.5

**Q3**

How many bins (standard 16 gallon recycling bin) of mixed recyclables does your household put out every second week?

5

**Q4**

Yes

Do you regularly use the Municipal curbside waste collection service?

**Q5**

Yes

Do you currently recycle?

**Q6**

If you recycle, what types of materials do you typically recycle? (check all that apply)

paint/anti-freeze containers,  
electronic waste (e.g., TVs, computers),  
scrap metal,  
co-mingled plastics and paper containers/packaging,  
clean wood (for burning)

---



**Q7****Yes**

Do you regularly use the Municipal curbside recycling collection service?

---

**Q8****No**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off your garbage?

---

**Q9**

If you drop off materials at the Municipal Transfer Station, what types of materials do you drop off? (check all that apply)

**household garbage,****bulky items that can't be picked up curbside (e.g., furniture)****,**

Other (please specify):

Brush

**Q10****No**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off recyclables?

---

**Q11**

If you drop off recyclables at the Municipal Transfer Station, what materials do you usually drop off? (check all that apply)

**clean wood,****hazardous waste (e.g., oil, oil filters, paint),****electronic waste (e.g., TVs, computers)****Q12**

Do you participate in backyard composting?

No (if not, please specify why not):

Don't have a bin

**Q13****Satisfied**

How satisfied are you with the current Municipal curbside waste collection service?

---

**Q14****Neutral**

How satisfied are you with the current Municipal curbside recycling collection service?

---

**Q15****Satisfied**

How satisfied are you with the current transfer site operations?

---

**Q16**

What improvements to waste or recycling programs would you like to see in your community?

Curbside Composting pick up... It would dramatically reduce the amount of garbage in bags and maybe even reduce the risk of bears getting into people's yard/garbage etc in the summers

---

**Q17**

Respondent skipped this question

Do you have any other final comments regarding waste or recycling services in Red Lake?

---

#10

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Thursday, December 23, 2021 10:14:39 AM  
**Last Modified:** Thursday, December 23, 2021 10:17:09 AM  
**Time Spent:** 00:02:30  
**IP Address:** 24.76.8.159

---

Page 1

**Q1**

How many people (including yourself) live in your household?

2

**Q2**

How many garbage bags (standard black bags) of waste does your household throw out per week?

2

**Q3**

How many bins (standard 16 gallon recycling bin) of mixed recyclables does your household put out every second week?

4

**Q4**

Yes

Do you regularly use the Municipal curbside waste collection service?

**Q5**

Yes

Do you currently recycle?

**Q6**

If you recycle, what types of materials do you typically recycle? (check all that apply)

electronic waste (e.g., TVs, computers),  
metal cans,  
scrap metal,  
co-mingled plastics and paper containers/packaging

---

**Q7****Yes**

Do you regularly use the Municipal curbside recycling collection service?

---

**Q8****Yes**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off your garbage?

---

**Q9**

If you drop off materials at the Municipal Transfer Station, what types of materials do you drop off? (check all that apply)

**household garbage,****bulky items that can't be picked up curbside (e.g., furniture)****,****construction/renovation waste (e.g., flooring, drywall)****Q10****Yes**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off recyclables?

---

**Q11**

If you drop off recyclables at the Municipal Transfer Station, what materials do you usually drop off? (check all that apply)

**co-mingled recyclables,****electronic waste (e.g., TVs, computers)****Q12**

Do you participate in backyard composting?

No (if not, please specify why not):  
Too much work

---

**Q13****Neutral**

How satisfied are you with the current Municipal curbside waste collection service?

---

**Q14****Unsatisfied**

How satisfied are you with the current Municipal curbside recycling collection service?

---

**Q15****Satisfied**

How satisfied are you with the current transfer site operations?

---

**Q16**

What improvements to waste or recycling programs would you like to see in your community?

Be able to recycle more items like glass for example, to limiting what can be recycled.

---

**Q17**

Respondent skipped this question

Do you have any other final comments regarding waste or recycling services in Red Lake?

---

#11

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Thursday, December 23, 2021 10:13:22 AM  
**Last Modified:** Thursday, December 23, 2021 10:18:20 AM  
**Time Spent:** 00:04:57  
**IP Address:** 199.243.248.21

Page 1

Q1

How many people (including yourself) live in your household?

2

Q2

How many garbage bags (standard black bags) of waste does your household throw out per week?

1

Q3

How many bins (standard 16 gallon recycling bin) of mixed recyclables does your household put out every second week?

1

Q4

Yes

Do you regularly use the Municipal curbside waste collection service?

Q5

Yes

Do you currently recycle?

Q6

If you recycle, what types of materials do you typically recycle? (check all that apply)

metal cans,  
scrap metal,  
co-mingled plastics and paper containers/packaging

Q7

Yes

Do you regularly use the Municipal curbside recycling collection service?

**Q8****No**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off your garbage?

---

**Q9****bulky items that can't be picked up curbside (e.g., furniture)**

If you drop off materials at the Municipal Transfer Station, what types of materials do you drop off? (check all that apply)

---

**Q10****No**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off recyclables?

---

**Q11**

**clean wood,  
tires,  
electronic waste (e.g., TVs, computers)**

---

If you drop off recyclables at the Municipal Transfer Station, what materials do you usually drop off? (check all that apply)

---

**Q12**

No (if not, please specify why not):  
Don't want to attract critters

---

Do you participate in backyard composting?

---

**Q13****Neutral**

How satisfied are you with the current Municipal curbside waste collection service?

---

**Q14****Neutral**

How satisfied are you with the current Municipal curbside recycling collection service?

---

**Q15****Satisfied**

How satisfied are you with the current transfer site operations?

---

**Q16**

What improvements to waste or recycling programs would you like to see in your community?

Community composting option. A rage community blue bin in each area (Red Lake, Balmertown, Cochenour) to drop off recycling. One day a year to put out large bulky items for pickup (I don't have a truck and often need to borrow).

---

**Q17**

Do you have any other final comments regarding waste or recycling services in Red Lake?

Nope

---



#12

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Thursday, December 23, 2021 10:34:01 AM  
**Last Modified:** Thursday, December 23, 2021 10:36:22 AM  
**Time Spent:** 00:02:21  
**IP Address:** 24.76.8.80

---

Page 1

**Q1**

How many people (including yourself) live in your household?

6

**Q2**

How many garbage bags (standard black bags) of waste does your household throw out per week?

3

**Q3**

How many bins (standard 16 gallon recycling bin) of mixed recyclables does your household put out every second week?

3

**Q4**

Do you regularly use the Municipal curbside waste collection service?

no (if not, please specify why not):  
Weight restriction**Q5**

Do you currently recycle?

Yes

**Q6**

If you recycle, what types of materials do you typically recycle? (check all that apply)

electronic waste (e.g., TVs, computers),  
metal cans,  
scrap metal,  
appliances (e.g., stoves, washers, fridges),  
clean wood (for burning)

---

**Q7** No (if not, please specify why not):  
Take with garbage

Do you regularly use the Municipal curbside recycling collection service?

---

**Q8** Yes

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off your garbage?

---

**Q9** household garbage,  
construction/renovation waste (e.g., flooring, drywall)

If you drop off materials at the Municipal Transfer Station, what types of materials do you drop off? (check all that apply)

---

**Q10** Yes

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off recyclables?

---

**Q11** clean wood,  
appliances (e.g., fridges, stoves),  
scrap metal,  
electronic waste (e.g., TVs, computers)

If you drop off recyclables at the Municipal Transfer Station, what materials do you usually drop off? (check all that apply)

---

**Q12** No (if not, please specify why not):  
Animals

Do you participate in backyard composting?

---

**Q13** Unsatisfied

How satisfied are you with the current Municipal curbside waste collection service?

---

**Q14** Unsatisfied

How satisfied are you with the current Municipal curbside recycling collection service?

---

**Q15** Satisfied

How satisfied are you with the current transfer site operations?

---

**Q16**

What improvements to waste or recycling programs would you like to see in your community?

It's a mess, I don't even know what to suggest.

---

**Q17**

Do you have any other final comments regarding waste or recycling services in Red Lake?

bake the garbage fees into our taxes or get rid of the bag tags ... it's the longest temporary thing I've seen in this town

---

#13

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Thursday, December 23, 2021 11:03:48 AM  
**Last Modified:** Thursday, December 23, 2021 11:07:10 AM  
**Time Spent:** 00:03:22  
**IP Address:** 206.47.124.194

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Page 1

**Q1**

How many people (including yourself) live in your household?

2

**Q2**

How many garbage bags (standard black bags) of waste does your household throw out per week?

2

**Q3**

How many bins (standard 16 gallon recycling bin) of mixed recyclables does your household put out every second week?

3

**Q4**

Yes

Do you regularly use the Municipal curbside waste collection service?

**Q5**

Yes

Do you currently recycle?

**Q6**

Respondent skipped this question

If you recycle, what types of materials do you typically recycle? (check all that apply)

**Q7**

Yes

Do you regularly use the Municipal curbside recycling collection service?

**Q8****No**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off your garbage?

---

**Q9**

If you drop off materials at the Municipal Transfer Station, what types of materials do you drop off? (check all that apply)

**bulky items that can't be picked up curbside (e.g., furniture)**

**,**

**construction/renovation waste (e.g., flooring, drywall)**

---

**Q10****No**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off recyclables?

---

**Q11****Respondent skipped this question**

If you drop off recyclables at the Municipal Transfer Station, what materials do you usually drop off? (check all that apply)

---

**Q12**

Do you participate in backyard composting?

No (if not, please specify why not):  
Don't want to

---

**Q13****Neutral**

How satisfied are you with the current Municipal curbside waste collection service?

---

**Q14****Neutral**

How satisfied are you with the current Municipal curbside recycling collection service?

---

**Q15****Neutral**

How satisfied are you with the current transfer site operations?

---

**Q16**

What improvements to waste or recycling programs would you like to see in your community?

Weekly recycling pickup would be nice!

Make sure all the garbage bags are picked up, not just one of the two we put out.

---

**Q17**

**Respondent skipped this question**

Do you have any other final comments regarding waste or recycling services in Red Lake?

---

#14

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Thursday, December 23, 2021 11:18:33 AM  
**Last Modified:** Thursday, December 23, 2021 11:21:50 AM  
**Time Spent:** 00:03:17  
**IP Address:** 64.231.182.145

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Page 1

**Q1**

How many people (including yourself) live in your household?

5

**Q2**

How many garbage bags (standard black bags) of waste does your household throw out per week?

3

**Q3**

How many bins (standard 16 gallon recycling bin) of mixed recyclables does your household put out every second week?

2

**Q4**

Do you regularly use the Municipal curbside waste collection service?

no (if not, please specify why not):

Too many missed pick ups. Works better to drop off at dump with my schedule

**Q5**

Do you currently recycle?

Yes

**Q6**

If you recycle, what types of materials do you typically recycle? (check all that apply)

tires,

metal cans,

scrap metal,

co-mingled plastics and paper containers/packaging,

clean wood (for burning)

**Q7**

Do you regularly use the Municipal curbside recycling collection service?

No (if not, please specify why not):  
Easier to use transfer station

**Q8**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off your garbage?

Yes

**Q9**

If you drop off materials at the Municipal Transfer Station, what types of materials do you drop off? (check all that apply)

household garbage,  
bulky items that can't be picked up curbside (e.g., furniture)

**Q10**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off recyclables?

Yes

**Q11**

If you drop off recyclables at the Municipal Transfer Station, what materials do you usually drop off? (check all that apply)

co-mingled recyclables,  
scrap metal

**Q12**

Do you participate in backyard composting?

No (if not, please specify why not):  
Animal concerns

**Q13**

How satisfied are you with the current Municipal curbside waste collection service?

Neutral

**Q14**

How satisfied are you with the current Municipal curbside recycling collection service?

Neutral

**Q15**

How satisfied are you with the current transfer site operations?

Satisfied



**Q16**

What improvements to waste or recycling programs would you like to see in your community?

Extended transfer site hours

---

**Q17**

Respondent skipped this question

Do you have any other final comments regarding waste or recycling services in Red Lake?

---

#15

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Thursday, December 23, 2021 11:30:26 AM  
**Last Modified:** Thursday, December 23, 2021 11:35:19 AM  
**Time Spent:** 00:04:52  
**IP Address:** 72.136.104.142

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Page 1

**Q1**

How many people (including yourself) live in your household?

2

**Q2**

How many garbage bags (standard black bags) of waste does your household throw out per week?

2

**Q3**

How many bins (standard 16 gallon recycling bin) of mixed recyclables does your household put out every second week?

2

**Q4**

Do you regularly use the Municipal curbside waste collection service?

no (if not, please specify why not):

Cheaper &amp; simpler for me to bring it to the dump myself every month

**Q5**

Yes

Do you currently recycle?

**Q6**

If you recycle, what types of materials do you typically recycle? (check all that apply)

used oil and oil filters,  
 electronic waste (e.g., TVs, computers),  
 tires,  
 propane tanks,  
 metal cans,  
 scrap metal,  
 co-mingled plastics and paper containers/packaging

**Q7**

Do you regularly use the Municipal curbside recycling collection service?

No (if not, please specify why not):  
 Simpler for me to take it to the landfill myself

**Q8**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off your garbage?

Yes

**Q9**

If you drop off materials at the Municipal Transfer Station, what types of materials do you drop off? (check all that apply)

household garbage,  
 business/commercial garbage,  
 bulky items that can't be picked up curbside (e.g., furniture),  
 ,  
 Other (please specify):  
 Domestic waste that could be taken by the garbage truck, but I find it more cost effective to take it myself

**Q10**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off recyclables?

Yes

**Q11**

If you drop off recyclables at the Municipal Transfer Station, what materials do you usually drop off? (check all that apply)

co-mingled recyclables,  
 clean wood,  
 tires,  
 appliances (e.g., fridges, stoves),  
 electronic waste (e.g., TVs, computers)

**Q12**

Do you participate in backyard composting?

Yes

**Q13****Neutral**

How satisfied are you with the current Municipal curbside waste collection service?

---

**Q14****Neutral**

How satisfied are you with the current Municipal curbside recycling collection service?

---

**Q15****Satisfied**

How satisfied are you with the current transfer site operations?

---

**Q16**

What improvements to waste or recycling programs would you like to see in your community?

Find a way to make the people care more, I often see garbage and recycling and recyclables in the garbage

---

**Q17****Respondent skipped this question**

Do you have any other final comments regarding waste or recycling services in Red Lake?

---

#16

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Thursday, December 23, 2021 11:38:51 AM  
**Last Modified:** Thursday, December 23, 2021 11:42:48 AM  
**Time Spent:** 00:03:56  
**IP Address:** 24.76.15.37

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Page 1

**Q1**

How many people (including yourself) live in your household?

2

**Q2**

How many garbage bags (standard black bags) of waste does your household throw out per week?

2

**Q3**

How many bins (standard 16 gallon recycling bin) of mixed recyclables does your household put out every second week?

2

**Q4**

Do you regularly use the Municipal curbside waste collection service?

no (if not, please specify why not):  
We do a weekly dump run**Q5**

Do you currently recycle?

Yes

**Q6**

If you recycle, what types of materials do you typically recycle? (check all that apply)

paint/anti-freeze containers,  
electronic waste (e.g., TVs, computers),  
metal cans,  
co-mingled plastics and paper containers/packaging

**Q7**

Do you regularly use the Municipal curbside recycling collection service?

No (if not, please specify why not):  
We do a weekly dump run

**Q8**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off your garbage?

Yes

**Q9**

If you drop off materials at the Municipal Transfer Station, what types of materials do you drop off? (check all that apply)

household garbage,  
construction/renovation waste (e.g., flooring, drywall)

**Q10**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off recyclables?

Yes

**Q11**

If you drop off recyclables at the Municipal Transfer Station, what materials do you usually drop off? (check all that apply)

co-mingled recyclables,  
scrap metal

**Q12**

Do you participate in backyard composting?

No (if not, please specify why not):  
Bears

**Q13**

How satisfied are you with the current Municipal curbside waste collection service?

Neutral

**Q14**

How satisfied are you with the current Municipal curbside recycling collection service?

Satisfied

**Q15**

How satisfied are you with the current transfer site operations?

Satisfied

**Q16**

What improvements to waste or recycling programs would you like to see in your community?

None

---

**Q17**

Do you have any other final comments regarding waste or recycling services in Red Lake?

None

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#17

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Thursday, December 23, 2021 11:40:41 AM  
**Last Modified:** Thursday, December 23, 2021 11:44:58 AM  
**Time Spent:** 00:04:16  
**IP Address:** 65.93.32.118

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Page 1

Q1

How many people (including yourself) live in your household?

2

Q2

How many garbage bags (standard black bags) of waste does your household throw out per week?

1

Q3

How many bins (standard 16 gallon recycling bin) of mixed recyclables does your household put out every second week?

1

Q4

Yes

Do you regularly use the Municipal curbside waste collection service?

Q5

Yes

Do you currently recycle?

Q6

metal cans,  
co-mingled plastics and paper containers/packaging

If you recycle, what types of materials do you typically recycle? (check all that apply)

Q7

Yes

Do you regularly use the Municipal curbside recycling collection service?



**Q8****Yes**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off your garbage?

---

**Q9****household garbage**

If you drop off materials at the Municipal Transfer Station, what types of materials do you drop off? (check all that apply)

---

**Q10****Yes**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off recyclables?

---

**Q11**

**clean wood,**  
**large batteries,**  
**electronic waste (e.g., TVs, computers)**

If you drop off recyclables at the Municipal Transfer Station, what materials do you usually drop off? (check all that apply)

---

**Q12**

No (if not, please specify why not):  
Attracts bears

Do you participate in backyard composting?

---

**Q13****Satisfied**

How satisfied are you with the current Municipal curbside waste collection service?

---

**Q14****Satisfied**

How satisfied are you with the current Municipal curbside recycling collection service?

---

**Q15****Satisfied**

How satisfied are you with the current transfer site operations?

---

**Q16**

What improvements to waste or recycling programs would you like to see in your community?

Great as is

---

**Q17**

**Respondent skipped this question**

Do you have any other final comments regarding waste or recycling services in Red Lake?

---

#18

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Thursday, December 23, 2021 11:43:14 AM  
**Last Modified:** Thursday, December 23, 2021 11:48:19 AM  
**Time Spent:** 00:05:04  
**IP Address:** 64.231.180.59

---

Page 1

**Q1**

How many people (including yourself) live in your household?

3

**Q2**

How many garbage bags (standard black bags) of waste does your household throw out per week?

2

**Q3**

How many bins (standard 16 gallon recycling bin) of mixed recyclables does your household put out every second week?

3

**Q4**

Yes

Do you regularly use the Municipal curbside waste collection service?

**Q5**

Yes

Do you currently recycle?

**Q6**

If you recycle, what types of materials do you typically recycle? (check all that apply)

used batteries,  
paint/anti-freeze containers,  
electronic waste (e.g., TVs, computers),  
metal cans,  
co-mingled plastics and paper containers/packaging

---

**Q7****Yes**

Do you regularly use the Municipal curbside recycling collection service?

---

**Q8****Yes**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off your garbage?

---

**Q9**

If you drop off materials at the Municipal Transfer Station, what types of materials do you drop off? (check all that apply)

**household garbage,****bulky items that can't be picked up curbside (e.g., furniture)****,****construction/renovation waste (e.g., flooring, drywall)****Q10****Yes**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off recyclables?

---

**Q11**

If you drop off recyclables at the Municipal Transfer Station, what materials do you usually drop off? (check all that apply)

**small household batteries,****hazardous waste (e.g., oil, oil filters, paint),****electronic waste (e.g., TVs, computers)****Q12****Yes**

Do you participate in backyard composting?

---

**Q13****Satisfied**

How satisfied are you with the current Municipal curbside waste collection service?

---

**Q14****Satisfied**

How satisfied are you with the current Municipal curbside recycling collection service?

---

**Q15****Satisfied**

How satisfied are you with the current transfer site operations?

---

**Q16**

What improvements to waste or recycling programs would you like to see in your community?

Recycling of glass

---

**Q17**

Do you have any other final comments regarding waste or recycling services in Red Lake?

Reopen used items section

---

#19

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Thursday, December 23, 2021 12:16:07 PM  
**Last Modified:** Thursday, December 23, 2021 12:23:15 PM  
**Time Spent:** 00:07:08  
**IP Address:** 64.231.182.74

---

Page 1

**Q1**

How many people (including yourself) live in your household?

3

**Q2**

How many garbage bags (standard black bags) of waste does your household throw out per week?

1, sometimes 2

**Q3**

How many bins (standard 16 gallon recycling bin) of mixed recyclables does your household put out every second week?

4 to 8

**Q4**

Yes

Do you regularly use the Municipal curbside waste collection service?

**Q5**

Yes

Do you currently recycle?

**Q6**

If you recycle, what types of materials do you typically recycle? (check all that apply)

metal cans,  
scrap metal,  
co-mingled plastics and paper containers/packaging,  
clean wood (for burning)

---

**Q7****Yes**

Do you regularly use the Municipal curbside recycling collection service?

---

**Q8****Yes**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off your garbage?

---

**Q9**

If you drop off materials at the Municipal Transfer Station, what types of materials do you drop off? (check all that apply)

**bulky items that can't be picked up curbside (e.g., furniture)**

,

**construction/renovation waste (e.g., flooring, drywall)**

---

**Q10****Yes**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off recyclables?

---

**Q11**

If you drop off recyclables at the Municipal Transfer Station, what materials do you usually drop off? (check all that apply)

**co-mingled recyclables,**

**clean wood,**

**scrap metal,**

**electronic waste (e.g., TVs, computers)**

---

**Q12**

Do you participate in backyard composting?

---

No (if not, please specify why not):  
No composting pickup options

---

**Q13****Neutral**

How satisfied are you with the current Municipal curbside waste collection service?

---

**Q14****Neutral**

How satisfied are you with the current Municipal curbside recycling collection service?

---

**Q15****Neutral**

How satisfied are you with the current transfer site operations?

---

**Q16**

What improvements to waste or recycling programs would you like to see in your community?

Recycling pickup every week. Composting pickup. It would be great if we could recycle glass here; it would save on the amount of garbage we throw out.

---

**Q17**

Respondent skipped this question

Do you have any other final comments regarding waste or recycling services in Red Lake?

---



#20

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Thursday, December 23, 2021 1:08:24 PM  
**Last Modified:** Thursday, December 23, 2021 1:12:02 PM  
**Time Spent:** 00:03:37  
**IP Address:** 104.246.144.148

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Page 1

**Q1**

How many people (including yourself) live in your household?

2

**Q2**

How many garbage bags (standard black bags) of waste does your household throw out per week?

.5

**Q3**

How many bins (standard 16 gallon recycling bin) of mixed recyclables does your household put out every second week?

2

**Q4**

Yes

Do you regularly use the Municipal curbside waste collection service?

**Q5**

Yes

Do you currently recycle?

**Q6**

If you recycle, what types of materials do you typically recycle? (check all that apply)

used batteries,  
paint/anti-freeze containers,  
electronic waste (e.g., TVs, computers),  
metal cans,  
co-mingled plastics and paper containers/packaging

---

**Q7****Yes**

Do you regularly use the Municipal curbside recycling collection service?

---

**Q8****No**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off your garbage?

---

**Q9**

If you drop off materials at the Municipal Transfer Station, what types of materials do you drop off? (check all that apply)

**bulky items that can't be picked up curbside (e.g., furniture)**

,

**construction/renovation waste (e.g., flooring, drywall)**

---

**Q10****No**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off recyclables?

---

**Q11****Respondent skipped this question**

If you drop off recyclables at the Municipal Transfer Station, what materials do you usually drop off? (check all that apply)

---

**Q12****Yes**

Do you participate in backyard composting?

---

**Q13****Satisfied**

How satisfied are you with the current Municipal curbside waste collection service?

---

**Q14****Satisfied**

How satisfied are you with the current Municipal curbside recycling collection service?

---

**Q15****Satisfied**

How satisfied are you with the current transfer site operations?

---

**Q16**

What improvements to waste or recycling programs would you like to see in your community?

Would like to see glass being collected for recycling again

---

**Q17**

Do you have any other final comments regarding waste or recycling services in Red Lake?

Would like to see a composting program

---

#21

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Thursday, December 23, 2021 1:18:58 PM  
**Last Modified:** Thursday, December 23, 2021 1:34:37 PM  
**Time Spent:** 00:15:38  
**IP Address:** 24.76.8.56

---

Page 1

Q1

How many people (including yourself) live in your household?

4

Q2

How many garbage bags (standard black bags) of waste does your household throw out per week?

2

Q3

Respondent skipped this question

How many bins (standard 16 gallon recycling bin) of mixed recyclables does your household put out every second week?

Q4

Yes

Do you regularly use the Municipal curbside waste collection service?

Q5

Yes

Do you currently recycle?

Q6

metal cans,  
co-mingled plastics and paper containers/packaging

If you recycle, what types of materials do you typically recycle? (check all that apply)

Q7

Yes

Do you regularly use the Municipal curbside recycling collection service?

**Q8****No**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off your garbage?

---

**Q9**

If you drop off materials at the Municipal Transfer Station, what types of materials do you drop off? (check all that apply)

**bulky items that can't be picked up curbside (e.g., furniture)****,****construction/renovation waste (e.g., flooring, drywall)****Q10****No**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off recyclables?

---

**Q11**

If you drop off recyclables at the Municipal Transfer Station, what materials do you usually drop off? (check all that apply)

**hazardous waste (e.g., oil, oil filters, paint),****tires,****appliances (e.g., fridges, stoves)****Q12**

Do you participate in backyard composting?

**No (if not, please specify why not):****Don't want to attract rodents****Q13****Satisfied**

How satisfied are you with the current Municipal curbside waste collection service?

---

**Q14****Satisfied**

How satisfied are you with the current Municipal curbside recycling collection service?

---

**Q15****Neutral**

How satisfied are you with the current transfer site operations?

---

**Q16****Respondent skipped this question**

What improvements to waste or recycling programs would you like to see in your community?

---

**Q17**

Do you have any other final comments regarding waste or recycling services in Red Lake?

<https://www.myselkirk.ca/city-services/public-works/recycling-and-solid-waste/annual-spring-clean-up/> having something like this would be helpful to those without vehicles or trucks, and maybe there would be less dumping of garbage in the bush.

---

#22

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Thursday, December 23, 2021 1:55:02 PM  
**Last Modified:** Thursday, December 23, 2021 1:57:16 PM  
**Time Spent:** 00:02:14  
**IP Address:** 24.78.95.6

---

Page 1

**Q1**

How many people (including yourself) live in your household?

6

**Q2**

How many garbage bags (standard black bags) of waste does your household throw out per week?

3

**Q3**

How many bins (standard 16 gallon recycling bin) of mixed recyclables does your household put out every second week?

4

**Q4**

Do you regularly use the Municipal curbside waste collection service?

no (if not, please specify why not):  
Access to dumpster**Q5**

Do you currently recycle?

Yes

**Q6**

If you recycle, what types of materials do you typically recycle? (check all that apply)

co-mingled plastics and paper containers/packaging

**Q7**

Do you regularly use the Municipal curbside recycling collection service?

No (if not, please specify why not):  
Company provides recycling take away

**Q8****Yes**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off your garbage?

**Q9**

If you drop off materials at the Municipal Transfer Station, what types of materials do you drop off? (check all that apply)

**business/commercial garbage,****bulky items that can't be picked up curbside (e.g., furniture)****,****construction/renovation waste (e.g., flooring, drywall)****Q10****No**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off recyclables?

**Q11****Respondent skipped this question**

If you drop off recyclables at the Municipal Transfer Station, what materials do you usually drop off? (check all that apply)

**Q12**

Do you participate in backyard composting?

No (if not, please specify why not):  
Need to learn more about it

**Q13****Neutral**

How satisfied are you with the current Municipal curbside waste collection service?

**Q14****Neutral**

How satisfied are you with the current Municipal curbside recycling collection service?

**Q15****Neutral**

How satisfied are you with the current transfer site operations?

**Q16****Respondent skipped this question**

What improvements to waste or recycling programs would you like to see in your community?



**Q17**

**Respondent skipped this question**

Do you have any other final comments regarding waste or recycling services in Red Lake?

---

#23

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Thursday, December 23, 2021 3:17:00 PM  
**Last Modified:** Thursday, December 23, 2021 3:20:09 PM  
**Time Spent:** 00:03:08  
**IP Address:** 24.76.14.35

---

Page 1

**Q1**

How many people (including yourself) live in your household?

4

**Q2**

How many garbage bags (standard black bags) of waste does your household throw out per week?

7

**Q3**

How many bins (standard 16 gallon recycling bin) of mixed recyclables does your household put out every second week?

4

**Q4**

Do you regularly use the Municipal curbside waste collection service?

no (if not, please specify why not):  
bag tags are a pain, we forget, too much garbage**Q5**

Do you currently recycle?

Yes

**Q6**

If you recycle, what types of materials do you typically recycle? (check all that apply)

co-mingled plastics and paper containers/packaging

**Q7**

Do you regularly use the Municipal curbside recycling collection service?

No (if not, please specify why not):  
not often enough

**Q8****Yes**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off your garbage?

---

**Q9****household garbage**

If you drop off materials at the Municipal Transfer Station, what types of materials do you drop off? (check all that apply)

---

**Q10****Yes**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off recyclables?

---

**Q11****co-mingled recyclables**

If you drop off recyclables at the Municipal Transfer Station, what materials do you usually drop off? (check all that apply)

---

**Q12**

No (if not, please specify why not):  
gross

Do you participate in backyard composting?

---

**Q13****Unsatisfied**

How satisfied are you with the current Municipal curbside waste collection service?

---

**Q14****Unsatisfied**

How satisfied are you with the current Municipal curbside recycling collection service?

---

**Q15****Neutral**

How satisfied are you with the current transfer site operations?

---

**Q16**

What improvements to waste or recycling programs would you like to see in your community?

consistent timing, more often for recycling

---

**Q17**

**Respondent skipped this question**

Do you have any other final comments regarding waste or recycling services in Red Lake?

---

#24

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Thursday, December 23, 2021 3:17:51 PM  
**Last Modified:** Thursday, December 23, 2021 3:20:25 PM  
**Time Spent:** 00:02:33  
**IP Address:** 24.114.60.119

---

Page 1

**Q1**

How many people (including yourself) live in your household?

1

**Q2**

How many garbage bags (standard black bags) of waste does your household throw out per week?

.5

**Q3**

How many bins (standard 16 gallon recycling bin) of mixed recyclables does your household put out every second week?

2

**Q4**

Yes

Do you regularly use the Municipal curbside waste collection service?

**Q5**

Yes

Do you currently recycle?

**Q6**

If you recycle, what types of materials do you typically recycle? (check all that apply)

metal cans,  
scrap metal,  
co-mingled plastics and paper containers/packaging,  
clean wood (for burning)

---

**Q7****Yes**

Do you regularly use the Municipal curbside recycling collection service?

---

**Q8****Yes**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off your garbage?

---

**Q9**

If you drop off materials at the Municipal Transfer Station, what types of materials do you drop off? (check all that apply)

**household garbage,****bulky items that can't be picked up curbside (e.g., furniture)**

,

Other (please specify):

Yard waste

**Q10****Yes**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off recyclables?

---

**Q11**

If you drop off recyclables at the Municipal Transfer Station, what materials do you usually drop off? (check all that apply)

**co-mingled recyclables,****clean wood****Q12**

Do you participate in backyard composting?

No (if not, please specify why not):

Bears

**Q13****Satisfied**

How satisfied are you with the current Municipal curbside waste collection service?

---

**Q14****Neutral**

How satisfied are you with the current Municipal curbside recycling collection service?

---

**Q15****Satisfied**

How satisfied are you with the current transfer site operations?

---

**Q16**

What improvements to waste or recycling programs would you like to see in your community?

More recycle pick up days

---

**Q17**

Do you have any other final comments regarding waste or recycling services in Red Lake?

Friendly staff happy they are available for our use

---

#25

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Thursday, December 23, 2021 3:54:56 PM  
**Last Modified:** Thursday, December 23, 2021 4:01:27 PM  
**Time Spent:** 00:06:30  
**IP Address:** 70.50.28.158

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Page 1

**Q1**

How many people (including yourself) live in your household?

2

**Q2**

How many garbage bags (standard black bags) of waste does your household throw out per week?

2

**Q3**

How many bins (standard 16 gallon recycling bin) of mixed recyclables does your household put out every second week?

3

**Q4**

Yes

Do you regularly use the Municipal curbside waste collection service?

**Q5**

Yes

Do you currently recycle?

**Q6**

If you recycle, what types of materials do you typically recycle? (check all that apply)

used batteries,  
paint/anti-freeze containers,  
electronic waste (e.g., TVs, computers),  
scrap metal,  
co-mingled plastics and paper containers/packaging,  
clean wood (for burning)

---



**Q7****Yes**

Do you regularly use the Municipal curbside recycling collection service?

---

**Q8****Yes**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off your garbage?

---

**Q9**

If you drop off materials at the Municipal Transfer Station, what types of materials do you drop off? (check all that apply)

**household garbage,****bulky items that can't be picked up curbside (e.g., furniture)****,****construction/renovation waste (e.g., flooring, drywall)****Q10****Yes**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off recyclables?

---

**Q11**

If you drop off recyclables at the Municipal Transfer Station, what materials do you usually drop off? (check all that apply)

**co-mingled recyclables,****clean wood,****hazardous waste (e.g., oil, oil filters, paint),****scrap metal****Q12**

Do you participate in backyard composting?

No (if not, please specify why not):

Not sure how to properly

**Q13****Neutral**

How satisfied are you with the current Municipal curbside waste collection service?

---

**Q14****Neutral**

How satisfied are you with the current Municipal curbside recycling collection service?

---

**Q15****Satisfied**

How satisfied are you with the current transfer site operations?

---

**Q16**

What improvements to waste or recycling programs would you like to see in your community?

More items that can be recycled

Compost program

---

**Q17**

Respondent skipped this question

Do you have any other final comments regarding waste or recycling services in Red Lake?

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#26

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Thursday, December 23, 2021 4:15:04 PM  
**Last Modified:** Thursday, December 23, 2021 4:17:44 PM  
**Time Spent:** 00:02:40  
**IP Address:** 72.136.123.131

---

Page 1

**Q1**

How many people (including yourself) live in your household?

4

**Q2**

How many garbage bags (standard black bags) of waste does your household throw out per week?

2

**Q3**

How many bins (standard 16 gallon recycling bin) of mixed recyclables does your household put out every second week?

3

**Q4**

Yes

Do you regularly use the Municipal curbside waste collection service?

**Q5**

Yes

Do you currently recycle?

**Q6**

If you recycle, what types of materials do you typically recycle? (check all that apply)

metal cans,  
scrap metal,  
co-mingled plastics and paper containers/packaging

**Q7**

Yes

Do you regularly use the Municipal curbside recycling collection service?

**Q8****Yes**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off your garbage?

---

**Q9**

**household garbage,  
construction/renovation waste (e.g., flooring, drywall)**

If you drop off materials at the Municipal Transfer Station, what types of materials do you drop off? (check all that apply)

---

**Q10****Yes**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off recyclables?

---

**Q11****co-mingled recyclables**

If you drop off recyclables at the Municipal Transfer Station, what materials do you usually drop off? (check all that apply)

---

**Q12****Yes**

Do you participate in backyard composting?

---

**Q13****Satisfied**

How satisfied are you with the current Municipal curbside waste collection service?

---

**Q14****Neutral**

How satisfied are you with the current Municipal curbside recycling collection service?

---

**Q15****Satisfied**

How satisfied are you with the current transfer site operations?

---

**Q16****Respondent skipped this question**

What improvements to waste or recycling programs would you like to see in your community?

---

**Q17**

Do you have any other final comments regarding waste or recycling services in Red Lake?

I wish there was municipal composting

---

#27

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Thursday, December 23, 2021 4:40:49 PM  
**Last Modified:** Thursday, December 23, 2021 4:43:03 PM  
**Time Spent:** 00:02:14  
**IP Address:** 65.93.32.202

Page 1

**Q1**

How many people (including yourself) live in your household?

4

**Q2**

How many garbage bags (standard black bags) of waste does your household throw out per week?

2

**Q3**

How many bins (standard 16 gallon recycling bin) of mixed recyclables does your household put out every second week?

3

**Q4**

Do you regularly use the Municipal curbside waste collection service?

no (if not, please specify why not):

Because they had too many reasons not to take my garbage

**Q5**

Do you currently recycle?

Yes

**Q6**

If you recycle, what types of materials do you typically recycle? (check all that apply)

metal cans,

co-mingled plastics and paper containers/packaging

**Q7**

Do you regularly use the Municipal curbside recycling collection service?

Yes

**Q8****Yes**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off your garbage?

---

**Q9****household garbage,**

If you drop off materials at the Municipal Transfer Station, what types of materials do you drop off? (check all that apply)

---

**bulky items that can't be picked up curbside (e.g., furniture)****Q10****Yes**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off recyclables?

---

**Q11****co-mingled recyclables,**

If you drop off recyclables at the Municipal Transfer Station, what materials do you usually drop off? (check all that apply)

---

**clean wood,****hazardous waste (e.g., oil, oil filters, paint),****scrap metal****Q12****Yes**

Do you participate in backyard composting?

---

**Q13****Neutral**

How satisfied are you with the current Municipal curbside waste collection service?

---

**Q14****Neutral**

How satisfied are you with the current Municipal curbside recycling collection service?

---

**Q15****Satisfied**

How satisfied are you with the current transfer site operations?

---

**Q16****Respondent skipped this question**

What improvements to waste or recycling programs would you like to see in your community?

---

**Q17**

**Respondent skipped this question**

Do you have any other final comments regarding waste or recycling services in Red Lake?

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#28

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Thursday, December 23, 2021 4:48:26 PM  
**Last Modified:** Thursday, December 23, 2021 4:51:30 PM  
**Time Spent:** 00:03:03  
**IP Address:** 24.76.8.140

---

Page 1

**Q1**

How many people (including yourself) live in your household?

4

**Q2**

How many garbage bags (standard black bags) of waste does your household throw out per week?

4

**Q3**

How many bins (standard 16 gallon recycling bin) of mixed recyclables does your household put out every second week?

4

**Q4**

Yes

Do you regularly use the Municipal curbside waste collection service?

**Q5**

Yes

Do you currently recycle?

**Q6**

co-mingled plastics and paper containers/packaging

If you recycle, what types of materials do you typically recycle? (check all that apply)

**Q7**

Yes

Do you regularly use the Municipal curbside recycling collection service?

**Q8****Yes**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off your garbage?

---

**Q9**

If you drop off materials at the Municipal Transfer Station, what types of materials do you drop off? (check all that apply)

**household garbage,****bulky items that can't be picked up curbside (e.g., furniture)****,****construction/renovation waste (e.g., flooring, drywall)****Q10****Yes**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off recyclables?

---

**Q11****co-mingled recyclables**

If you drop off recyclables at the Municipal Transfer Station, what materials do you usually drop off? (check all that apply)

---

**Q12**

Do you participate in backyard composting?

No (if not, please specify why not):  
Haven't learned about it

---

**Q13****Satisfied**

How satisfied are you with the current Municipal curbside waste collection service?

---

**Q14****Unsatisfied**

How satisfied are you with the current Municipal curbside recycling collection service?

---

**Q15****Satisfied**

How satisfied are you with the current transfer site operations?

---

**Q16**

What improvements to waste or recycling programs would you like to see in your community?

Recycling weekly! Every other week is not enough

---

**Q17**

**Respondent skipped this question**

Do you have any other final comments regarding waste or recycling services in Red Lake?

---

#29

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Thursday, December 23, 2021 5:06:21 PM  
**Last Modified:** Thursday, December 23, 2021 5:09:28 PM  
**Time Spent:** 00:03:06  
**IP Address:** 24.114.61.103

---

Page 1

**Q1**

How many people (including yourself) live in your household?

4

**Q2**

How many garbage bags (standard black bags) of waste does your household throw out per week?

1

**Q3**

How many bins (standard 16 gallon recycling bin) of mixed recyclables does your household put out every second week?

2

**Q4**

Yes

Do you regularly use the Municipal curbside waste collection service?

**Q5**

Yes

Do you currently recycle?

**Q6**metal cans,  
co-mingled plastics and paper containers/packaging

If you recycle, what types of materials do you typically recycle? (check all that apply)

**Q7**

Yes

Do you regularly use the Municipal curbside recycling collection service?

**Q8****No**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off your garbage?

---

**Q9****Respondent skipped this question**

If you drop off materials at the Municipal Transfer Station, what types of materials do you drop off? (check all that apply)

---

**Q10****No**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off recyclables?

---

**Q11****Respondent skipped this question**

If you drop off recyclables at the Municipal Transfer Station, what materials do you usually drop off? (check all that apply)

---

**Q12****Yes**

Do you participate in backyard composting?

---

**Q13****Satisfied**

How satisfied are you with the current Municipal curbside waste collection service?

---

**Q14****Satisfied**

How satisfied are you with the current Municipal curbside recycling collection service?

---

**Q15****Neutral**

How satisfied are you with the current transfer site operations?

---

**Q16**

What improvements to waste or recycling programs would you like to see in your community?

I'd love to see us recycle glass.

---

**Q17**

**Respondent skipped this question**

Do you have any other final comments regarding waste or recycling services in Red Lake?

---

#30

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Thursday, December 23, 2021 10:46:20 PM  
**Last Modified:** Thursday, December 23, 2021 10:50:52 PM  
**Time Spent:** 00:04:31  
**IP Address:** 199.126.77.96

---

Page 1

**Q1**

How many people (including yourself) live in your household?

2

**Q2**

How many garbage bags (standard black bags) of waste does your household throw out per week?

1

**Q3**

How many bins (standard 16 gallon recycling bin) of mixed recyclables does your household put out every second week?

2

**Q4**

Do you regularly use the Municipal curbside waste collection service?

no (if not, please specify why not):  
Shift work**Q5**

Do you currently recycle?

Yes

**Q6**

If you recycle, what types of materials do you typically recycle? (check all that apply)

paint/anti-freeze containers,  
electronic waste (e.g., TVs, computers),  
metal cans,  
scrap metal,  
co-mingled plastics and paper containers/packaging

---

**Q7****Yes**

Do you regularly use the Municipal curbside recycling collection service?

---

**Q8****Yes**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off your garbage?

---

**Q9****household garbage**

If you drop off materials at the Municipal Transfer Station, what types of materials do you drop off? (check all that apply)

---

**Q10****No**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off recyclables?

---

**Q11****Respondent skipped this question**

If you drop off recyclables at the Municipal Transfer Station, what materials do you usually drop off? (check all that apply)

---

**Q12**

No (if not, please specify why not):  
No space

Do you participate in backyard composting?

---

**Q13****Unsatisfied**

How satisfied are you with the current Municipal curbside waste collection service?

---

**Q14****Unsatisfied**

How satisfied are you with the current Municipal curbside recycling collection service?

---

**Q15****Neutral**

How satisfied are you with the current transfer site operations?

---



**Q16**

What improvements to waste or recycling programs would you like to see in your community?

More things able to be recycled

---

**Q17**

Respondent skipped this question

Do you have any other final comments regarding waste or recycling services in Red Lake?

---

#31

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Friday, December 24, 2021 7:00:39 AM  
**Last Modified:** Friday, December 24, 2021 7:04:39 AM  
**Time Spent:** 00:03:59  
**IP Address:** 65.93.32.46

Page 1

Q1

How many people (including yourself) live in your household?

2

Q2

How many garbage bags (standard black bags) of waste does your household throw out per week?

1

Q3

How many bins (standard 16 gallon recycling bin) of mixed recyclables does your household put out every second week?

2

Q4

Do you regularly use the Municipal curbside waste collection service?

no (if not, please specify why not):  
Pain in the ass with the blanket

Q5

Do you currently recycle?

Yes

Q6

If you recycle, what types of materials do you typically recycle? (check all that apply)

metal cans,  
scrap metal,  
co-mingled plastics and paper containers/packaging

Q7

Do you regularly use the Municipal curbside recycling collection service?

Yes

**Q8****Yes**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off your garbage?

---

**Q9**

**household garbage,  
construction/renovation waste (e.g., flooring, drywall)**

If you drop off materials at the Municipal Transfer Station, what types of materials do you drop off? (check all that apply)

---

**Q10****No**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off recyclables?

---

**Q11****Respondent skipped this question**

If you drop off recyclables at the Municipal Transfer Station, what materials do you usually drop off? (check all that apply)

---

**Q12**

No (if not, please specify why not):  
No

Do you participate in backyard composting?

---

**Q13****Neutral**

How satisfied are you with the current Municipal curbside waste collection service?

---

**Q14****Satisfied**

How satisfied are you with the current Municipal curbside recycling collection service?

---

**Q15****Neutral**

How satisfied are you with the current transfer site operations?

---

**Q16****Respondent skipped this question**

What improvements to waste or recycling programs would you like to see in your community?

---

**Q17****Respondent skipped this question**

Do you have any other final comments regarding waste or recycling services in Red Lake?

---

#32

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Friday, December 24, 2021 7:42:38 AM  
**Last Modified:** Friday, December 24, 2021 7:47:00 AM  
**Time Spent:** 00:04:21  
**IP Address:** 24.76.14.224

Page 1

Q1

How many people (including yourself) live in your household?

3

Q2

How many garbage bags (standard black bags) of waste does your household throw out per week?

6

Q3

How many bins (standard 16 gallon recycling bin) of mixed recyclables does your household put out every second week?

4

Q4

Do you regularly use the Municipal curbside waste collection service?

no (if not, please specify why not):  
Drive to dump

Q5

Do you currently recycle?

Yes

Q6

If you recycle, what types of materials do you typically recycle? (check all that apply)

electronic waste (e.g., TVs, computers),  
metal cans,  
co-mingled plastics and paper containers/packaging

Q7

Do you regularly use the Municipal curbside recycling collection service?

Yes

**Q8****Yes**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off your garbage?

---

**Q9****household garbage,**

If you drop off materials at the Municipal Transfer Station, what types of materials do you drop off? (check all that apply)

---

**bulky items that can't be picked up curbside (e.g., furniture)****Q10****Yes**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off recyclables?

---

**Q11****co-mingled recyclables**

If you drop off recyclables at the Municipal Transfer Station, what materials do you usually drop off? (check all that apply)

---

**Q12**

No (if not, please specify why not):  
Where? Who is buying compost

Do you participate in backyard composting?

---

**Q13****Unsatisfied**

How satisfied are you with the current Municipal curbside waste collection service?

---

**Q14****Satisfied**

How satisfied are you with the current Municipal curbside recycling collection service?

---

**Q15****Satisfied**

How satisfied are you with the current transfer site operations?

---

**Q16**

What improvements to waste or recycling programs would you like to see in your community?

More of scheduled time on that day, workers to have better customer service

---

**Q17**

Do you have any other final comments regarding waste or recycling services in Red Lake?

Glad we recycle

---

#33

**COMPLETE**

**Collector:** Web Link 1 (Web Link)  
**Started:** Friday, December 24, 2021 7:58:12 AM  
**Last Modified:** Friday, December 24, 2021 8:01:44 AM  
**Time Spent:** 00:03:32  
**IP Address:** 70.24.89.156

---

Page 1

**Q1**

How many people (including yourself) live in your household?

2

**Q2**

How many garbage bags (standard black bags) of waste does your household throw out per week?

1

**Q3**

How many bins (standard 16 gallon recycling bin) of mixed recyclables does your household put out every second week?

1

**Q4****Yes**

Do you regularly use the Municipal curbside waste collection service?

**Q5****Yes**

Do you currently recycle?

**Q6****metal cans,  
co-mingled plastics and paper containers/packaging**

If you recycle, what types of materials do you typically recycle? (check all that apply)

**Q7****Yes**

Do you regularly use the Municipal curbside recycling collection service?

**Q8****No**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off your garbage?

---

**Q9****bulky items that can't be picked up curbside (e.g., furniture)**

If you drop off materials at the Municipal Transfer Station, what types of materials do you drop off? (check all that apply)

---

**Q10****No**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off recyclables?

---

**Q11****tires,  
appliances (e.g., fridges, stoves)**

If you drop off recyclables at the Municipal Transfer Station, what materials do you usually drop off? (check all that apply)

---

**Q12****No (if not, please specify why not):  
Just haven't done it**

Do you participate in backyard composting?

---

**Q13****Satisfied**

How satisfied are you with the current Municipal curbside waste collection service?

---

**Q14****Satisfied**

How satisfied are you with the current Municipal curbside recycling collection service?

---

**Q15****Satisfied**

How satisfied are you with the current transfer site operations?

---

**Q16****Respondent skipped this question**

What improvements to waste or recycling programs would you like to see in your community?

---

**Q17****Respondent skipped this question**

Do you have any other final comments regarding waste or recycling services in Red Lake?

---



#34

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Friday, December 24, 2021 9:10:09 AM  
**Last Modified:** Friday, December 24, 2021 9:11:34 AM  
**Time Spent:** 00:01:24  
**IP Address:** 70.26.163.25

Page 1

Q1

How many people (including yourself) live in your household?

2

Q2

How many garbage bags (standard black bags) of waste does your household throw out per week?

2

Q3

How many bins (standard 16 gallon recycling bin) of mixed recyclables does your household put out every second week?

0

Q4

Do you regularly use the Municipal curbside waste collection service?

no (if not, please specify why not):  
To many bears in my area

Q5

Do you currently recycle?

Yes

Q6

If you recycle, what types of materials do you typically recycle? (check all that apply)

co-mingled plastics and paper containers/packaging

Q7

Do you regularly use the Municipal curbside recycling collection service?

No (if not, please specify why not):  
To many bears in the area

**Q8****Yes**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off your garbage?

---

**Q9****household garbage**

If you drop off materials at the Municipal Transfer Station, what types of materials do you drop off? (check all that apply)

---

**Q10****Yes**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off recyclables?

---

**Q11****co-mingled recyclables**

If you drop off recyclables at the Municipal Transfer Station, what materials do you usually drop off? (check all that apply)

---

**Q12**

No (if not, please specify why not):  
N/a

Do you participate in backyard composting?

---

**Q13****Unsatisfied**

How satisfied are you with the current Municipal curbside waste collection service?

---

**Q14****Unsatisfied**

How satisfied are you with the current Municipal curbside recycling collection service?

---

**Q15****Satisfied**

How satisfied are you with the current transfer site operations?

---

**Q16****Respondent skipped this question**

What improvements to waste or recycling programs would you like to see in your community?

---

**Q17****Respondent skipped this question**

Do you have any other final comments regarding waste or recycling services in Red Lake?

---

#35

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Friday, December 24, 2021 2:55:12 PM  
**Last Modified:** Friday, December 24, 2021 2:57:40 PM  
**Time Spent:** 00:02:28  
**IP Address:** 135.129.242.165

Page 1

**Q1**

How many people (including yourself) live in your household?

8

**Q2**

How many garbage bags (standard black bags) of waste does your household throw out per week?

2

**Q3**

How many bins (standard 16 gallon recycling bin) of mixed recyclables does your household put out every second week?

2

**Q4**

Yes

Do you regularly use the Municipal curbside waste collection service?

**Q5**

Yes

Do you currently recycle?

**Q6**

If you recycle, what types of materials do you typically recycle? (check all that apply)

metal cans,  
scrap metal,  
co-mingled plastics and paper containers/packaging

**Q7**

Yes

Do you regularly use the Municipal curbside recycling collection service?

**Q8****No**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off your garbage?

---

**Q9**

If you drop off materials at the Municipal Transfer Station, what types of materials do you drop off? (check all that apply)

**bulky items that can't be picked up curbside (e.g., furniture)****,****construction/renovation waste (e.g., flooring, drywall)****Q10****No**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off recyclables?

---

**Q11****Respondent skipped this question**

If you drop off recyclables at the Municipal Transfer Station, what materials do you usually drop off? (check all that apply)

---

**Q12**

Do you participate in backyard composting?

No (if not, please specify why not):  
Bear kept coming

---

**Q13****Satisfied**

How satisfied are you with the current Municipal curbside waste collection service?

---

**Q14****Satisfied**

How satisfied are you with the current Municipal curbside recycling collection service?

---

**Q15****Satisfied**

How satisfied are you with the current transfer site operations?

---

**Q16**

What improvements to waste or recycling programs would you like to see in your community?

I'd like to see a municipality way to compost. My backyard composting attracted bears so I had to stop.

---

**Q17**

**Respondent skipped this question**

Do you have any other final comments regarding waste or recycling services in Red Lake?

---

#36

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Friday, December 24, 2021 4:50:54 PM  
**Last Modified:** Friday, December 24, 2021 4:53:14 PM  
**Time Spent:** 00:02:20  
**IP Address:** 24.76.8.124

Page 1

Q1

How many people (including yourself) live in your household?

5

Q2

How many garbage bags (standard black bags) of waste does your household throw out per week?

2

Q3

How many bins (standard 16 gallon recycling bin) of mixed recyclables does your household put out every second week?

1

Q4

Do you regularly use the Municipal curbside waste collection service?

no (if not, please specify why not):  
Take it to the dump

Q5

Do you currently recycle?

Yes

Q6

If you recycle, what types of materials do you typically recycle? (check all that apply)

co-mingled plastics and paper containers/packaging

Q7

Do you regularly use the Municipal curbside recycling collection service?

Yes

**Q8****Yes**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off your garbage?

---

**Q9****household garbage,**

If you drop off materials at the Municipal Transfer Station, what types of materials do you drop off? (check all that apply)

---

**bulky items that can't be picked up curbside (e.g., furniture)****Q10****Yes**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off recyclables?

---

**Q11****co-mingled recyclables**

If you drop off recyclables at the Municipal Transfer Station, what materials do you usually drop off? (check all that apply)

---

**Q12**

No (if not, please specify why not):

Do you participate in backyard composting?

---

Not our thing

**Q13****Neutral**

How satisfied are you with the current Municipal curbside waste collection service?

---

**Q14****Neutral**

How satisfied are you with the current Municipal curbside recycling collection service?

---

**Q15****Satisfied**

How satisfied are you with the current transfer site operations?

---

**Q16**

What improvements to waste or recycling programs would you like to see in your community?

Bring back the reuse room at the garbage dump.

---

**Q17**

**Respondent skipped this question**

Do you have any other final comments regarding waste or recycling services in Red Lake?

---



#37

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Saturday, December 25, 2021 6:58:32 AM  
**Last Modified:** Saturday, December 25, 2021 7:05:01 AM  
**Time Spent:** 00:06:28  
**IP Address:** 24.76.12.154

---

Page 1

**Q1**

How many people (including yourself) live in your household?

2

**Q2**

How many garbage bags (standard black bags) of waste does your household throw out per week?

1 sometimes 2

**Q3**

How many bins (standard 16 gallon recycling bin) of mixed recyclables does your household put out every second week?

1-2

**Q4**

Do you regularly use the Municipal curbside waste collection service?

no (if not, please specify why not):  
Take to dump ourselves**Q5**

Yes

Do you currently recycle?

**Q6**

If you recycle, what types of materials do you typically recycle? (check all that apply)

used batteries,  
 paint/anti-freeze containers,  
 electronic waste (e.g., TVs, computers),  
 tires,  
 metal cans,  
 scrap metal,  
 co-mingled plastics and paper containers/packaging,  
 appliances (e.g., stoves, washers, fridges),  
 clean wood (for burning)

**Q7**

Do you regularly use the Municipal curbside recycling collection service?

No (if not, please specify why not):  
 Take to dump ourselves

**Q8**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off your garbage?

Yes

**Q9**

If you drop off materials at the Municipal Transfer Station, what types of materials do you drop off? (check all that apply)

household garbage,  
 bulky items that can't be picked up curbside (e.g., furniture),  
 ,  
 construction/renovation waste (e.g., flooring, drywall)

**Q10**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off recyclables?

Yes

**Q11**

If you drop off recyclables at the Municipal Transfer Station, what materials do you usually drop off? (check all that apply)

co-mingled recyclables,  
 clean wood,  
 appliances (e.g., fridges, stoves),  
 scrap metal,  
 electronic waste (e.g., TVs, computers)

**Q12**

Do you participate in backyard composting?

Yes

**Q13****Satisfied**

How satisfied are you with the current Municipal curbside waste collection service?

---

**Q14****Satisfied**

How satisfied are you with the current Municipal curbside recycling collection service?

---

**Q15****Satisfied**

How satisfied are you with the current transfer site operations?

---

**Q16**

What improvements to waste or recycling programs would you like to see in your community?

More people recycle

---

**Q17**

Do you have any other final comments regarding waste or recycling services in Red Lake?

A compost system would be great. Can sell composted soil later.

---

#38

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Saturday, December 25, 2021 11:08:59 PM  
**Last Modified:** Saturday, December 25, 2021 11:13:18 PM  
**Time Spent:** 00:04:19  
**IP Address:** 74.14.123.250

Page 1

Q1

How many people (including yourself) live in your household?

2

Q2

How many garbage bags (standard black bags) of waste does your household throw out per week?

1

Q3

How many bins (standard 16 gallon recycling bin) of mixed recyclables does your household put out every second week?

3

Q4

Do you regularly use the Municipal curbside waste collection service?

no (if not, please specify why not):

Apt block doesn't have bins easier to go to the dump

Q5

Do you currently recycle?

Yes

Q6

If you recycle, what types of materials do you typically recycle? (check all that apply)

metal cans,

co-mingled plastics and paper containers/packaging

Q7

Do you regularly use the Municipal curbside recycling collection service?

No (if not, please specify why not):

Easier to go to the dump no bins at apt block

**Q8****Yes**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off your garbage?

---

**Q9****household garbage**

If you drop off materials at the Municipal Transfer Station, what types of materials do you drop off? (check all that apply)

---

**Q10****Yes**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off recyclables?

---

**Q11****co-mingled recyclables**

If you drop off recyclables at the Municipal Transfer Station, what materials do you usually drop off? (check all that apply)

---

**Q12**

No (if not, please specify why not):  
Apt

Do you participate in backyard composting?

---

**Q13****Neutral**

How satisfied are you with the current Municipal curbside waste collection service?

---

**Q14****Neutral**

How satisfied are you with the current Municipal curbside recycling collection service?

---

**Q15****Satisfied**

How satisfied are you with the current transfer site operations?

---

**Q16****Respondent skipped this question**

What improvements to waste or recycling programs would you like to see in your community?

---

**Q17****Respondent skipped this question**

Do you have any other final comments regarding waste or recycling services in Red Lake?

---

#39

**COMPLETE**

**Collector:** Web Link 1 (Web Link)  
**Started:** Sunday, December 26, 2021 3:44:11 PM  
**Last Modified:** Sunday, December 26, 2021 3:47:05 PM  
**Time Spent:** 00:02:54  
**IP Address:** 174.113.230.41

---

Page 1

**Q1**

How many people (including yourself) live in your household?

3

**Q2**

How many garbage bags (standard black bags) of waste does your household throw out per week?

2

**Q3**

How many bins (standard 16 gallon recycling bin) of mixed recyclables does your household put out every second week?

1

**Q4**

Yes

Do you regularly use the Municipal curbside waste collection service?

**Q5**

Yes

Do you currently recycle?

**Q6**

If you recycle, what types of materials do you typically recycle? (check all that apply)

metal cans,  
co-mingled plastics and paper containers/packaging,  
clean wood (for burning)**Q7**

Yes

Do you regularly use the Municipal curbside recycling collection service?

**Q8****Yes**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off your garbage?

---

**Q9**

If you drop off materials at the Municipal Transfer Station, what types of materials do you drop off? (check all that apply)

**bulky items that can't be picked up curbside (e.g., furniture)****,****construction/renovation waste (e.g., flooring, drywall)****Q10****No**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off recyclables?

---

**Q11****Respondent skipped this question**

If you drop off recyclables at the Municipal Transfer Station, what materials do you usually drop off? (check all that apply)

---

**Q12**

Do you participate in backyard composting?

**No (if not, please specify why not):****No bin****Q13****Unsatisfied**

How satisfied are you with the current Municipal curbside waste collection service?

---

**Q14****Satisfied**

How satisfied are you with the current Municipal curbside recycling collection service?

---

**Q15****Satisfied**

How satisfied are you with the current transfer site operations?

---

**Q16**

What improvements to waste or recycling programs would you like to see in your community?

Not having to pay for garbage

---

**Q17**

**Respondent skipped this question**

Do you have any other final comments regarding waste or recycling services in Red Lake?

---



#40

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Sunday, December 26, 2021 5:52:15 PM  
**Last Modified:** Sunday, December 26, 2021 6:00:33 PM  
**Time Spent:** 00:08:18  
**IP Address:** 135.129.242.163

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Page 1

**Q1**

How many people (including yourself) live in your household?

5

**Q2**

How many garbage bags (standard black bags) of waste does your household throw out per week?

3

**Q3**

How many bins (standard 16 gallon recycling bin) of mixed recyclables does your household put out every second week?

5

**Q4**

Yes

Do you regularly use the Municipal curbside waste collection service?

**Q5**

Yes

Do you currently recycle?

**Q6**

If you recycle, what types of materials do you typically recycle? (check all that apply)

paint/anti-freeze containers,  
electronic waste (e.g., TVs, computers),  
scrap metal,  
co-mingled plastics and paper containers/packaging,  
clean wood (for burning)

---

**Q7****Yes**

Do you regularly use the Municipal curbside recycling collection service?

---

**Q8****No**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off your garbage?

---

**Q9**

Other (please specify):

If you drop off materials at the Municipal Transfer Station, what types of materials do you drop off? (check all that apply)

Business recycling

**Q10****No**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off recyclables?

---

**Q11****co-mingled recyclables**

If you drop off recyclables at the Municipal Transfer Station, what materials do you usually drop off? (check all that apply)

---

**Q12****Yes**

Do you participate in backyard composting?

---

**Q13****Neutral**

How satisfied are you with the current Municipal curbside waste collection service?

---

**Q14****Unsatisfied**

How satisfied are you with the current Municipal curbside recycling collection service?

---

**Q15****Neutral**

How satisfied are you with the current transfer site operations?

---

**Q16**

What improvements to waste or recycling programs would you like to see in your community?

Allowing more items that major cities recycle. Promoting and providing composting for municipal pick up, weekly.  
Bag tags are too expensive.

---

**Q17**

Respondent skipped this question

Do you have any other final comments regarding waste or recycling services in Red Lake?

---

#41

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Monday, December 27, 2021 3:59:35 AM  
**Last Modified:** Monday, December 27, 2021 4:04:46 AM  
**Time Spent:** 00:05:11  
**IP Address:** 24.76.12.51

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Page 1

Q1

How many people (including yourself) live in your household?

4

Q2

How many garbage bags (standard black bags) of waste does your household throw out per week?

1

Q3

How many bins (standard 16 gallon recycling bin) of mixed recyclables does your household put out every second week?

1

Q4

Yes

Do you regularly use the Municipal curbside waste collection service?

Q5

Yes

Do you currently recycle?

Q6

Respondent skipped this question

If you recycle, what types of materials do you typically recycle? (check all that apply)

Q7

Yes

Do you regularly use the Municipal curbside recycling collection service?

**Q8****No**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off your garbage?

---

**Q9****bulky items that can't be picked up curbside (e.g., furniture)**

If you drop off materials at the Municipal Transfer Station, what types of materials do you drop off? (check all that apply)

---

**Q10****No**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off recyclables?

---

**Q11****hazardous waste (e.g., oil, oil filters, paint)**

If you drop off recyclables at the Municipal Transfer Station, what materials do you usually drop off? (check all that apply)

---

**Q12****Yes**

Do you participate in backyard composting?

---

**Q13****Neutral**

How satisfied are you with the current Municipal curbside waste collection service?

---

**Q14****Neutral**

How satisfied are you with the current Municipal curbside recycling collection service?

---

**Q15****Neutral**

How satisfied are you with the current transfer site operations?

---

**Q16**

What improvements to waste or recycling programs would you like to see in your community?

Let people access to recycling area like before

---

**Q17**

**Respondent skipped this question**

Do you have any other final comments regarding waste or recycling services in Red Lake?

---

#42

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Monday, December 27, 2021 8:29:34 AM  
**Last Modified:** Monday, December 27, 2021 8:33:35 AM  
**Time Spent:** 00:04:01  
**IP Address:** 72.143.198.21

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Page 1

**Q1**

How many people (including yourself) live in your household?

2

**Q2**

How many garbage bags (standard black bags) of waste does your household throw out per week?

1

**Q3**

How many bins (standard 16 gallon recycling bin) of mixed recyclables does your household put out every second week?

4

**Q4**

Do you regularly use the Municipal curbside waste collection service?

no (if not, please specify why not):  
Prefer to take it to dump**Q5**

Do you currently recycle?

Yes

**Q6**

If you recycle, what types of materials do you typically recycle? (check all that apply)

paint/anti-freeze containers,  
electronic waste (e.g., TVs, computers),  
metal cans,  
scrap metal,  
co-mingled plastics and paper containers/packaging,  
appliances (e.g., stoves, washers, fridges),  
clean wood (for burning)

**Q7**

Do you regularly use the Municipal curbside recycling collection service?

Yes

**Q8**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off your garbage?

Yes

**Q9**

If you drop off materials at the Municipal Transfer Station, what types of materials do you drop off? (check all that apply)

household garbage,  
bulky items that can't be picked up curbside (e.g., furniture),  
,  
construction/renovation waste (e.g., flooring, drywall)

**Q10**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off recyclables?

No

**Q11**

If you drop off recyclables at the Municipal Transfer Station, what materials do you usually drop off? (check all that apply)

Respondent skipped this question

**Q12**

Do you participate in backyard composting?

No (if not, please specify why not):  
Prefer not to

**Q13**

How satisfied are you with the current Municipal curbside waste collection service?

Neutral



**Q14****Neutral**

How satisfied are you with the current Municipal curbside recycling collection service?

---

**Q15****Neutral**

How satisfied are you with the current transfer site operations?

---

**Q16**

What improvements to waste or recycling programs would you like to see in your community?

Being able to recycle glass jars

---

**Q17**

Do you have any other final comments regarding waste or recycling services in Red Lake?

Too expensive. First bag of garbage should be free

---

#43

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Tuesday, December 28, 2021 8:17:50 AM  
**Last Modified:** Tuesday, December 28, 2021 8:23:02 AM  
**Time Spent:** 00:05:11  
**IP Address:** 24.76.14.72

---

Page 1

**Q1**

How many people (including yourself) live in your household?

3

**Q2**

How many garbage bags (standard black bags) of waste does your household throw out per week?

1

**Q3**

How many bins (standard 16 gallon recycling bin) of mixed recyclables does your household put out every second week?

3

**Q4**

Do you regularly use the Municipal curbside waste collection service?

no (if not, please specify why not):  
Simpler to take to transfer depot in weekend**Q5**

Do you currently recycle?

Yes

**Q6**

If you recycle, what types of materials do you typically recycle? (check all that apply)

used batteries,  
used oil and oil filters,  
paint/anti-freeze containers,  
electronic waste (e.g., TVs, computers),  
tires,  
metal cans,  
scrap metal,  
co-mingled plastics and paper containers/packaging,  
appliances (e.g., stoves, washers, fridges),  
clean wood (for burning)

**Q7**

Do you regularly use the Municipal curbside recycling collection service?

No (if not, please specify why not):  
I usually do not remember to put out

**Q8**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off your garbage?

Yes

**Q9**

If you drop off materials at the Municipal Transfer Station, what types of materials do you drop off? (check all that apply)

household garbage,  
bulky items that can't be picked up curbside (e.g., furniture),  
,  
construction/renovation waste (e.g., flooring, drywall)

**Q10**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off recyclables?

Yes

**Q11**

If you drop off recyclables at the Municipal Transfer Station, what materials do you usually drop off? (check all that apply)

co-mingled recyclables,  
clean wood,  
large batteries,  
hazardous waste (e.g., oil, oil filters, paint),  
tires,  
scrap metal,  
electronic waste (e.g., TVs, computers)

**Q12****Yes**

Do you participate in backyard composting?

---

**Q13****Neutral**

How satisfied are you with the current Municipal curbside waste collection service?

---

**Q14****Neutral**

How satisfied are you with the current Municipal curbside recycling collection service?

---

**Q15****Satisfied**

How satisfied are you with the current transfer site operations?

---

**Q16**

What improvements to waste or recycling programs would you like to see in your community?

The reusable /e waste should reopen.

---

**Q17****Respondent skipped this question**

Do you have any other final comments regarding waste or recycling services in Red Lake?

---

#44

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Saturday, January 01, 2022 4:41:12 AM  
**Last Modified:** Saturday, January 01, 2022 4:45:30 AM  
**Time Spent:** 00:04:17  
**IP Address:** 24.76.15.5

---

Page 1

**Q1**

How many people (including yourself) live in your household?

4

**Q2**

How many garbage bags (standard black bags) of waste does your household throw out per week?

2

**Q3**

How many bins (standard 16 gallon recycling bin) of mixed recyclables does your household put out every second week?

6

**Q4**

Do you regularly use the Municipal curbside waste collection service?

no (if not, please specify why not):  
Animals**Q5**

Do you currently recycle?

Yes

**Q6**

If you recycle, what types of materials do you typically recycle? (check all that apply)

used oil and oil filters,  
paint/anti-freeze containers,  
metal cans,  
scrap metal,  
co-mingled plastics and paper containers/packaging

---

**Q7****Yes**

Do you regularly use the Municipal curbside recycling collection service?

---

**Q8****Yes**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off your garbage?

---

**Q9**

If you drop off materials at the Municipal Transfer Station, what types of materials do you drop off? (check all that apply)

**household garbage,  
bulky items that can't be picked up curbside (e.g.,  
furniture)**

---

**Q10****Yes**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off recyclables?

---

**Q11**

If you drop off recyclables at the Municipal Transfer Station, what materials do you usually drop off? (check all that apply)

**co-mingled recyclables,  
hazardous waste (e.g., oil, oil filters, paint),  
appliances (e.g., fridges, stoves),  
scrap metal**

---

**Q12****Yes**

Do you participate in backyard composting?

---

**Q13****Neutral**

How satisfied are you with the current Municipal curbside waste collection service?

---

**Q14****Satisfied**

How satisfied are you with the current Municipal curbside recycling collection service?

---

**Q15****Satisfied**

How satisfied are you with the current transfer site operations?

---

**Q16**

What improvements to waste or recycling programs would you like to see in your community?

Glass,

---

**Q17**

Do you have any other final comments regarding waste or recycling services in Red Lake?

2 bags per household should be free any more then 2 should cost a bag tag

---

#45

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Tuesday, January 04, 2022 10:56:53 AM  
**Last Modified:** Tuesday, January 04, 2022 10:59:05 AM  
**Time Spent:** 00:02:11  
**IP Address:** 24.76.14.235

---

Page 1

**Q1**

How many people (including yourself) live in your household?

3

**Q2**

How many garbage bags (standard black bags) of waste does your household throw out per week?

1

**Q3**

How many bins (standard 16 gallon recycling bin) of mixed recyclables does your household put out every second week?

4

**Q4**

Yes

Do you regularly use the Municipal curbside waste collection service?

**Q5**

Yes

Do you currently recycle?

**Q6**

If you recycle, what types of materials do you typically recycle? (check all that apply)

metal cans,  
scrap metal,  
co-mingled plastics and paper containers/packaging,  
clean wood (for burning)

---



**Q7****Yes**

Do you regularly use the Municipal curbside recycling collection service?

---

**Q8****Yes**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off your garbage?

---

**Q9**

If you drop off materials at the Municipal Transfer Station, what types of materials do you drop off? (check all that apply)

**household garbage,  
bulky items that can't be picked up curbside (e.g.,  
furniture)**

---

**Q10****Yes**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off recyclables?

---

**Q11**

If you drop off recyclables at the Municipal Transfer Station, what materials do you usually drop off? (check all that apply)

**co-mingled recyclables,  
clean wood,  
scrap metal**

---

**Q12****Yes**

Do you participate in backyard composting?

---

**Q13****Satisfied**

How satisfied are you with the current Municipal curbside waste collection service?

---

**Q14****Satisfied**

How satisfied are you with the current Municipal curbside recycling collection service?

---

**Q15****Satisfied**

How satisfied are you with the current transfer site operations?

---

**Q16**

What improvements to waste or recycling programs would you like to see in your community?

Allow glass to be recycled.

---

**Q17**

Respondent skipped this question

Do you have any other final comments regarding waste or recycling services in Red Lake?

---

#46

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Tuesday, January 04, 2022 11:00:05 AM  
**Last Modified:** Tuesday, January 04, 2022 11:06:46 AM  
**Time Spent:** 00:06:41  
**IP Address:** 65.93.32.189

Page 1

Q1

How many people (including yourself) live in your household?

2

Q2

How many garbage bags (standard black bags) of waste does your household throw out per week?

3

Q3

How many bins (standard 16 gallon recycling bin) of mixed recyclables does your household put out every second week?

0

Q4

Do you regularly use the Municipal curbside waste collection service?

no (if not, please specify why not):  
Birds

Q5

Do you currently recycle?

Yes

Q6

If you recycle, what types of materials do you typically recycle? (check all that apply)

used oil and oil filters,  
paint/anti-freeze containers,  
electronic waste (e.g., TVs, computers),  
metal cans,  
co-mingled plastics and paper containers/packaging

**Q7** No (if not, please specify why not):  
Birds

Do you regularly use the Municipal curbside recycling collection service?

---

**Q8** Yes

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off your garbage?

---

**Q9** household garbage

If you drop off materials at the Municipal Transfer Station, what types of materials do you drop off? (check all that apply)

---

**Q10** Yes

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off recyclables?

---

**Q11** co-mingled recyclables,  
scrap metal,  
electronic waste (e.g., TVs, computers)

If you drop off recyclables at the Municipal Transfer Station, what materials do you usually drop off? (check all that apply)

---

**Q12** Yes

Do you participate in backyard composting?

---

**Q13** Neutral

How satisfied are you with the current Municipal curbside waste collection service?

---

**Q14** Neutral

How satisfied are you with the current Municipal curbside recycling collection service?

---

**Q15** Satisfied

How satisfied are you with the current transfer site operations?

---

**Q16** Respondent skipped this question

What improvements to waste or recycling programs would you like to see in your community?

---

**Q17**

**Respondent skipped this question**

Do you have any other final comments regarding waste or recycling services in Red Lake?

---

#47

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Tuesday, January 04, 2022 11:08:41 AM  
**Last Modified:** Tuesday, January 04, 2022 11:13:29 AM  
**Time Spent:** 00:04:48  
**IP Address:** 199.243.248.19

---

Page 1

**Q1**

How many people (including yourself) live in your household?

3

**Q2**

How many garbage bags (standard black bags) of waste does your household throw out per week?

2

**Q3**

How many bins (standard 16 gallon recycling bin) of mixed recyclables does your household put out every second week?

4

**Q4**

Yes

Do you regularly use the Municipal curbside waste collection service?

**Q5**

Yes

Do you currently recycle?

**Q6**metal cans,  
co-mingled plastics and paper containers/packaging

If you recycle, what types of materials do you typically recycle? (check all that apply)

**Q7**

Yes

Do you regularly use the Municipal curbside recycling collection service?

**Q8****Yes**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off your garbage?

---

**Q9****household garbage,**

If you drop off materials at the Municipal Transfer Station, what types of materials do you drop off? (check all that apply)

---

**bulky items that can't be picked up curbside (e.g., furniture)****Q10****Yes**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off recyclables?

---

**Q11****co-mingled recyclables**

If you drop off recyclables at the Municipal Transfer Station, what materials do you usually drop off? (check all that apply)

---

**Q12**

No (if not, please specify why not):  
Have dogs that I don't want getting in it

---

Do you participate in backyard composting?

---

**Q13****Neutral**

How satisfied are you with the current Municipal curbside waste collection service?

---

**Q14****Neutral**

How satisfied are you with the current Municipal curbside recycling collection service?

---

**Q15****Satisfied**

How satisfied are you with the current transfer site operations?

---

**Q16**

What improvements to waste or recycling programs would you like to see in your community?

Cost worked into taxes, I feel most people don't properly dispose of garbage due to having to pay. Also better management of recycling, glass should be accepted.

---

**Q17**

**Respondent skipped this question**

Do you have any other final comments regarding waste or recycling services in Red Lake?

---



#48

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Tuesday, January 04, 2022 11:09:14 AM  
**Last Modified:** Tuesday, January 04, 2022 11:13:51 AM  
**Time Spent:** 00:04:36  
**IP Address:** 24.76.12.124

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Page 1

**Q1**

How many people (including yourself) live in your household?

4

**Q2**

How many garbage bags (standard black bags) of waste does your household throw out per week?

2-3

**Q3**

How many bins (standard 16 gallon recycling bin) of mixed recyclables does your household put out every second week?

4-5

**Q4**

Do you regularly use the Municipal curbside waste collection service?

no (if not, please specify why not):  
Never have bag tags**Q5**

Do you currently recycle?

Yes

**Q6**

If you recycle, what types of materials do you typically recycle? (check all that apply)

paint/anti-freeze containers,  
scrap metal,  
clean wood (for burning)**Q7**

Do you regularly use the Municipal curbside recycling collection service?

Yes

**Q8****Yes**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off your garbage?

---

**Q9****household garbage**

If you drop off materials at the Municipal Transfer Station, what types of materials do you drop off? (check all that apply)

---

**Q10****Yes**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off recyclables?

---

**Q11****clean wood,  
scrap metal**

If you drop off recyclables at the Municipal Transfer Station, what materials do you usually drop off? (check all that apply)

---

**Q12****No (if not, please specify why not):  
We don't want to.**

Do you participate in backyard composting?

---

**Q13****Satisfied**

How satisfied are you with the current Municipal curbside waste collection service?

---

**Q14****Satisfied**

How satisfied are you with the current Municipal curbside recycling collection service?

---

**Q15****Satisfied**

How satisfied are you with the current transfer site operations?

---

**Q16****Respondent skipped this question**

What improvements to waste or recycling programs would you like to see in your community?

---

**Q17****Respondent skipped this question**

Do you have any other final comments regarding waste or recycling services in Red Lake?

---

#49

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Tuesday, January 04, 2022 11:07:02 AM  
**Last Modified:** Tuesday, January 04, 2022 11:17:47 AM  
**Time Spent:** 00:10:44  
**IP Address:** 64.231.85.41

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Page 1

**Q1**

How many people (including yourself) live in your household?

1

**Q2**

How many garbage bags (standard black bags) of waste does your household throw out per week?

1

**Q3**

How many bins (standard 16 gallon recycling bin) of mixed recyclables does your household put out every second week?

1

**Q4**

Yes

Do you regularly use the Municipal curbside waste collection service?

**Q5**

Yes

Do you currently recycle?

**Q6**metal cans,  
co-mingled plastics and paper containers/packaging

If you recycle, what types of materials do you typically recycle? (check all that apply)

**Q7**

Yes

Do you regularly use the Municipal curbside recycling collection service?

**Q8****Yes**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off your garbage?

---

**Q9****household garbage,**

If you drop off materials at the Municipal Transfer Station, what types of materials do you drop off? (check all that apply)

---

**bulky items that can't be picked up curbside (e.g., furniture)****Q10****Yes**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off recyclables?

---

**Q11****co-mingled recyclables,**

If you drop off recyclables at the Municipal Transfer Station, what materials do you usually drop off? (check all that apply)

---

**scrap metal****Q12****Yes**

Do you participate in backyard composting?

---

**Q13****Neutral**

How satisfied are you with the current Municipal curbside waste collection service?

---

**Q14****Neutral**

How satisfied are you with the current Municipal curbside recycling collection service?

---

**Q15****Neutral**

How satisfied are you with the current transfer site operations?

---

**Q16****Respondent skipped this question**

What improvements to waste or recycling programs would you like to see in your community?

---

**Q17**

Do you have any other final comments regarding waste or recycling services in Red Lake?

Maybe lower prices on dirty wood, or something, in order to stop dumping of furniture on bush roads.  
Find a remedy for all dumping of garbage on bush roads.

---

#50

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Tuesday, January 04, 2022 11:40:10 AM  
**Last Modified:** Tuesday, January 04, 2022 11:45:02 AM  
**Time Spent:** 00:04:51  
**IP Address:** 70.50.28.135

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Page 1

**Q1**

How many people (including yourself) live in your household?

5

**Q2**

How many garbage bags (standard black bags) of waste does your household throw out per week?

.5

**Q3**

How many bins (standard 16 gallon recycling bin) of mixed recyclables does your household put out every second week?

4

**Q4**

Do you regularly use the Municipal curbside waste collection service?

no (if not, please specify why not):  
Drive to the landfill - look for treasures**Q5**

Yes

Do you currently recycle?

**Q6**

If you recycle, what types of materials do you typically recycle? (check all that apply)

used batteries,  
used oil and oil filters,  
paint/anti-freeze containers,  
electronic waste (e.g., TVs, computers),  
lightbulbs (CFLs),  
metal cans,  
scrap metal,  
co-mingled plastics and paper containers/packaging,  
clean wood (for burning)

**Q7**

Do you regularly use the Municipal curbside recycling collection service?

No (if not, please specify why not):  
Drive to dump - something to do

**Q8**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off your garbage?

Yes

**Q9**

If you drop off materials at the Municipal Transfer Station, what types of materials do you drop off? (check all that apply)

household garbage,  
Other (please specify):  
Recycling

**Q10**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off recyclables?

Yes

**Q11**

If you drop off recyclables at the Municipal Transfer Station, what materials do you usually drop off? (check all that apply)

co-mingled recyclables

**Q12**

Do you participate in backyard composting?

Yes

**Q13**

How satisfied are you with the current Municipal curbside waste collection service?

Neutral

**Q14****Neutral**

How satisfied are you with the current Municipal curbside recycling collection service?

---

**Q15****Unsatisfied**

How satisfied are you with the current transfer site operations?

---

**Q16**

What improvements to waste or recycling programs would you like to see in your community?

The re use room, albeit had some issues, was amazing. On so many levels. At that moment in time our town and landfill was actually “progressive”. I'd brag about and people wished their municipalities could see the virtues in the program... then it was gone. ☹

---

**Q17****Respondent skipped this question**

Do you have any other final comments regarding waste or recycling services in Red Lake?

---



#51

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Tuesday, January 04, 2022 12:06:04 PM  
**Last Modified:** Tuesday, January 04, 2022 12:13:41 PM  
**Time Spent:** 00:07:37  
**IP Address:** 70.26.163.84

---

Page 1

**Q1**

How many people (including yourself) live in your household?

1

**Q2**

How many garbage bags (standard black bags) of waste does your household throw out per week?

1

**Q3**

How many bins (standard 16 gallon recycling bin) of mixed recyclables does your household put out every second week?

2

**Q4**

Yes

Do you regularly use the Municipal curbside waste collection service?

**Q5**

Yes

Do you currently recycle?

**Q6**

If you recycle, what types of materials do you typically recycle? (check all that apply)

electronic waste (e.g., TVs, computers),  
metal cans,  
scrap metal

**Q7**

Yes

Do you regularly use the Municipal curbside recycling collection service?

**Q8****No**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off your garbage?

---

**Q9****Respondent skipped this question**

If you drop off materials at the Municipal Transfer Station, what types of materials do you drop off? (check all that apply)

---

**Q10****No**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off recyclables?

---

**Q11****Respondent skipped this question**

If you drop off recyclables at the Municipal Transfer Station, what materials do you usually drop off? (check all that apply)

---

**Q12**

No (if not, please specify why not):  
Bears

Do you participate in backyard composting?

---

**Q13****Neutral**

How satisfied are you with the current Municipal curbside waste collection service?

---

**Q14****Satisfied**

How satisfied are you with the current Municipal curbside recycling collection service?

---

**Q15****Unsatisfied**

How satisfied are you with the current transfer site operations?

---

**Q16**

What improvements to waste or recycling programs would you like to see in your community?

Bring back the space for reusable items at the transfer station. Total no brainer !!!

---

**Q17**

Do you have any other final comments regarding waste or recycling services in Red Lake?

I use the transfer station as little as possible because it has become so crazy expensive.

---

#52

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Tuesday, January 04, 2022 12:12:58 PM  
**Last Modified:** Tuesday, January 04, 2022 12:15:58 PM  
**Time Spent:** 00:03:00  
**IP Address:** 74.14.123.163

Page 1

**Q1**

How many people (including yourself) live in your household?

2

**Q2**

How many garbage bags (standard black bags) of waste does your household throw out per week?

2

**Q3**

How many bins (standard 16 gallon recycling bin) of mixed recyclables does your household put out every second week?

2

**Q4**

Do you regularly use the Municipal curbside waste collection service?

no (if not, please specify why not):  
Always forget to put it out**Q5**

Do you currently recycle?

Yes

**Q6**

If you recycle, what types of materials do you typically recycle? (check all that apply)

co-mingled plastics and paper containers/packaging,  
appliances (e.g., stoves, washers, fridges)**Q7**

Do you regularly use the Municipal curbside recycling collection service?

Yes

**Q8****Yes**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off your garbage?

---

**Q9**

If you drop off materials at the Municipal Transfer Station, what types of materials do you drop off? (check all that apply)

**household garbage,****business/commercial garbage,****bulky items that can't be picked up curbside (e.g., furniture)****,****construction/renovation waste (e.g., flooring, drywall)****Q10****Yes**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off recyclables?

---

**Q11**

If you drop off recyclables at the Municipal Transfer Station, what materials do you usually drop off? (check all that apply)

**co-mingled recyclables,****appliances (e.g., fridges, stoves)****Q12**

Do you participate in backyard composting?

No (if not, please specify why not):  
Too many bears in the area

---

**Q13****Satisfied**

How satisfied are you with the current Municipal curbside waste collection service?

---

**Q14****Satisfied**

How satisfied are you with the current Municipal curbside recycling collection service?

---

**Q15****Satisfied**

How satisfied are you with the current transfer site operations?

---

**Q16**

What improvements to waste or recycling programs would you like to see in your community?

Longer hours, more days open to the public

---

**Q17**

**Respondent skipped this question**

Do you have any other final comments regarding waste or recycling services in Red Lake?

---

#53

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Tuesday, January 04, 2022 12:21:35 PM  
**Last Modified:** Tuesday, January 04, 2022 12:24:41 PM  
**Time Spent:** 00:03:05  
**IP Address:** 70.50.28.35

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Page 1

**Q1**

How many people (including yourself) live in your household?

2

**Q2**

How many garbage bags (standard black bags) of waste does your household throw out per week?

1

**Q3**

How many bins (standard 16 gallon recycling bin) of mixed recyclables does your household put out every second week?

3

**Q4**

Yes

Do you regularly use the Municipal curbside waste collection service?

**Q5**

Yes

Do you currently recycle?

**Q6**

If you recycle, what types of materials do you typically recycle? (check all that apply)

metal cans,  
co-mingled plastics and paper containers/packaging,  
appliances (e.g., stoves, washers, fridges)**Q7**

Yes

Do you regularly use the Municipal curbside recycling collection service?

**Q8****No**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off your garbage?

---

**Q9****bulky items that can't be picked up curbside (e.g., furniture)**

If you drop off materials at the Municipal Transfer Station, what types of materials do you drop off? (check all that apply)

---

**Q10****No**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off recyclables?

---

**Q11****appliances (e.g., fridges, stoves),  
electronic waste (e.g., TVs, computers)**

If you drop off recyclables at the Municipal Transfer Station, what materials do you usually drop off? (check all that apply)

---

**Q12****Yes**

Do you participate in backyard composting?

---

**Q13****Satisfied**

How satisfied are you with the current Municipal curbside waste collection service?

---

**Q14****Satisfied**

How satisfied are you with the current Municipal curbside recycling collection service?

---

**Q15****Satisfied**

How satisfied are you with the current transfer site operations?

---

**Q16****Respondent skipped this question**

What improvements to waste or recycling programs would you like to see in your community?

---

**Q17****Respondent skipped this question**

Do you have any other final comments regarding waste or recycling services in Red Lake?

---



#54

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Tuesday, January 04, 2022 1:07:34 PM  
**Last Modified:** Tuesday, January 04, 2022 1:14:38 PM  
**Time Spent:** 00:07:03  
**IP Address:** 104.246.144.140

---

Page 1

**Q1**

How many people (including yourself) live in your household?

2

**Q2**

How many garbage bags (standard black bags) of waste does your household throw out per week?

.5

**Q3**

How many bins (standard 16 gallon recycling bin) of mixed recyclables does your household put out every second week?

1

**Q4**

Yes

Do you regularly use the Municipal curbside waste collection service?

**Q5**

Yes

Do you currently recycle?

**Q6**

If you recycle, what types of materials do you typically recycle? (check all that apply)

used oil and oil filters,  
 paint/anti-freeze containers,  
 electronic waste (e.g., TVs, computers),  
 tires,  
 propane tanks,  
 metal cans,  
 scrap metal,  
 co-mingled plastics and paper containers/packaging,  
 appliances (e.g., stoves, washers, fridges),  
 clean wood (for burning)

**Q7**

Do you regularly use the Municipal curbside recycling collection service?

Yes

**Q8**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off your garbage?

No

**Q9**

If you drop off materials at the Municipal Transfer Station, what types of materials do you drop off? (check all that apply)

household garbage,  
 construction/renovation waste (e.g., flooring, drywall),  
 Other (please specify):  
 Leaves, brush

**Q10**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off recyclables?

Yes

**Q11**

If you drop off recyclables at the Municipal Transfer Station, what materials do you usually drop off? (check all that apply)

co-mingled recyclables,  
 clean wood,  
 hazardous waste (e.g., oil, oil filters, paint),  
 appliances (e.g., fridges, stoves),  
 scrap metal,  
 electronic waste (e.g., TVs, computers)

**Q12****Yes**

Do you participate in backyard composting?

---

**Q13****Satisfied**

How satisfied are you with the current Municipal curbside waste collection service?

---

**Q14****Satisfied**

How satisfied are you with the current Municipal curbside recycling collection service?

---

**Q15****Satisfied**

How satisfied are you with the current transfer site operations?

---

**Q16****Respondent skipped this question**

What improvements to waste or recycling programs would you like to see in your community?

---

**Q17**

Do you have any other final comments regarding waste or recycling services in Red Lake?

#6. These are dropped off at dump.

---

#55

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Tuesday, January 04, 2022 1:18:31 PM  
**Last Modified:** Tuesday, January 04, 2022 1:20:46 PM  
**Time Spent:** 00:02:14  
**IP Address:** 70.50.28.164

Page 1

Q1

How many people (including yourself) live in your household?

5-7

Q2

How many garbage bags (standard black bags) of waste does your household throw out per week?

2

Q3

How many bins (standard 16 gallon recycling bin) of mixed recyclables does your household put out every second week?

4

Q4

Yes

Do you regularly use the Municipal curbside waste collection service?

Q5

Yes

Do you currently recycle?

Q6

metal cans,  
co-mingled plastics and paper containers/packaging

If you recycle, what types of materials do you typically recycle? (check all that apply)

Q7

Yes

Do you regularly use the Municipal curbside recycling collection service?

**Q8** Respondent skipped this question

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off your garbage?

**Q9** household garbage,  
bulky items that can't be picked up curbside (e.g., furniture)

If you drop off materials at the Municipal Transfer Station, what types of materials do you drop off? (check all that apply)

**Q10** Respondent skipped this question

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off recyclables?

**Q11** co-mingled recyclables,  
large batteries,  
small household batteries,  
hazardous waste (e.g., oil, oil filters, paint),  
tires,  
appliances (e.g., fridges, stoves),  
electronic waste (e.g., TVs, computers)

If you drop off recyclables at the Municipal Transfer Station, what materials do you usually drop off? (check all that apply)

**Q12** No (if not, please specify why not):  
not sure what that is

Do you participate in backyard composting?

**Q13** Neutral

How satisfied are you with the current Municipal curbside waste collection service?

**Q14** Neutral

How satisfied are you with the current Municipal curbside recycling collection service?

**Q15** Satisfied

How satisfied are you with the current transfer site operations?

**Q16**

Respondent skipped this question

What improvements to waste or recycling programs would you like to see in your community?

---

**Q17**

Respondent skipped this question

Do you have any other final comments regarding waste or recycling services in Red Lake?

---

#56

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Tuesday, January 04, 2022 2:05:08 PM  
**Last Modified:** Tuesday, January 04, 2022 2:14:59 PM  
**Time Spent:** 00:09:51  
**IP Address:** 70.26.163.238

---

Page 1

**Q1**

How many people (including yourself) live in your household?

2

**Q2**

How many garbage bags (standard black bags) of waste does your household throw out per week?

1/2

**Q3**

How many bins (standard 16 gallon recycling bin) of mixed recyclables does your household put out every second week?

1

**Q4**

Yes

Do you regularly use the Municipal curbside waste collection service?

**Q5**

Yes

Do you currently recycle?

**Q6**

If you recycle, what types of materials do you typically recycle? (check all that apply)

used oil and oil filters,  
paint/anti-freeze containers,  
electronic waste (e.g., TVs, computers),  
metal cans,  
co-mingled plastics and paper containers/packaging

---

**Q7****Yes**

Do you regularly use the Municipal curbside recycling collection service?

---

**Q8****No**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off your garbage?

---

**Q9**

If you drop off materials at the Municipal Transfer Station, what types of materials do you drop off? (check all that apply)

**bulky items that can't be picked up curbside (e.g., furniture)**

,

**construction/renovation waste (e.g., flooring, drywall),**

Other (please specify):

Paint, used oil, oil filters, brush

---

**Q10****No**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off recyclables?

---

**Q11**

If you drop off recyclables at the Municipal Transfer Station, what materials do you usually drop off? (check all that apply)

**hazardous waste (e.g., oil, oil filters, paint),**

**scrap metal**

---

**Q12**

Do you participate in backyard composting?

No (if not, please specify why not):

Bears, birds, other animals get into it or are attracted

---

**Q13****Satisfied**

How satisfied are you with the current Municipal curbside waste collection service?

---

**Q14****Satisfied**

How satisfied are you with the current Municipal curbside recycling collection service?

---

**Q15****Satisfied**

How satisfied are you with the current transfer site operations?

---



**Q16**

Respondent skipped this question

What improvements to waste or recycling programs would you like to see in your community?

---

**Q17**

Respondent skipped this question

Do you have any other final comments regarding waste or recycling services in Red Lake?

---

#57

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Tuesday, January 04, 2022 8:23:12 PM  
**Last Modified:** Tuesday, January 04, 2022 8:37:49 PM  
**Time Spent:** 00:14:36  
**IP Address:** 65.93.32.227

Page 1

Q1

How many people (including yourself) live in your household?

2

Q2

How many garbage bags (standard black bags) of waste does your household throw out per week?

1

Q3

How many bins (standard 16 gallon recycling bin) of mixed recyclables does your household put out every second week?

2 1/2

Q4

Do you regularly use the Municipal curbside waste collection service?

no (if not, please specify why not):  
Too complicated, too many rules

Q5

Do you currently recycle?

Yes

Q6

If you recycle, what types of materials do you typically recycle? (check all that apply)

used batteries,  
paint/anti-freeze containers,  
metal cans,  
scrap metal,  
co-mingled plastics and paper containers/packaging,  
clean wood (for burning)

**Q7**

Do you regularly use the Municipal curbside recycling collection service?

No (if not, please specify why not):

Too many rules too infrequent too complicated

**Q8**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off your garbage?

Yes

**Q9**

If you drop off materials at the Municipal Transfer Station, what types of materials do you drop off? (check all that apply)

household garbage,

bulky items that can't be picked up curbside (e.g., furniture)

,

construction/renovation waste (e.g., flooring, drywall),

Other (please specify):

Recycling

**Q10**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off recyclables?

Yes

**Q11**

If you drop off recyclables at the Municipal Transfer Station, what materials do you usually drop off? (check all that apply)

co-mingled recyclables,

clean wood,

small household batteries,

hazardous waste (e.g., oil, oil filters, paint),

scrap metal

**Q12**

Do you participate in backyard composting?

Yes

**Q13**

How satisfied are you with the current Municipal curbside waste collection service?

Neutral

**Q14**

How satisfied are you with the current Municipal curbside recycling collection service?

Neutral

**Q15****Satisfied**

How satisfied are you with the current transfer site operations?

---

**Q16**

What improvements to waste or recycling programs would you like to see in your community?

Recycling of more things such as glass

Also enjoyed the reuse section that is no longer there

---

**Q17**

Do you have any other final comments regarding waste or recycling services in Red Lake?

The staff at the transfer station are great and do good there. It's always clean and safe

---

#58

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Tuesday, January 04, 2022 8:55:04 PM  
**Last Modified:** Tuesday, January 04, 2022 8:59:10 PM  
**Time Spent:** 00:04:06  
**IP Address:** 65.93.32.118

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Page 1

**Q1**

How many people (including yourself) live in your household?

2

**Q2**

How many garbage bags (standard black bags) of waste does your household throw out per week?

1

**Q3**

How many bins (standard 16 gallon recycling bin) of mixed recyclables does your household put out every second week?

2

**Q4**

Yes

Do you regularly use the Municipal curbside waste collection service?

**Q5**

Yes

Do you currently recycle?

**Q6**

co-mingled plastics and paper containers/packaging

If you recycle, what types of materials do you typically recycle? (check all that apply)

**Q7**

Yes

Do you regularly use the Municipal curbside recycling collection service?

**Q8****Yes**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off your garbage?

---

**Q9****household garbage**

If you drop off materials at the Municipal Transfer Station, what types of materials do you drop off? (check all that apply)

---

**Q10****No**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off recyclables?

---

**Q11**

**co-mingled recyclables,  
hazardous waste (e.g., oil, oil filters, paint),  
scrap metal**

If you drop off recyclables at the Municipal Transfer Station, what materials do you usually drop off? (check all that apply)

---

**Q12**

No (if not, please specify why not):  
Bears

Do you participate in backyard composting?

---

**Q13****Satisfied**

How satisfied are you with the current Municipal curbside waste collection service?

---

**Q14****Satisfied**

How satisfied are you with the current Municipal curbside recycling collection service?

---

**Q15****Satisfied**

How satisfied are you with the current transfer site operations?

---

**Q16**

What improvements to waste or recycling programs would you like to see in your community?

Pickup of glass for recycling

---

**Q17**

Do you have any other final comments regarding waste or recycling services in Red Lake?

Great job

---

#59

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Tuesday, January 04, 2022 9:24:28 PM  
**Last Modified:** Tuesday, January 04, 2022 9:32:43 PM  
**Time Spent:** 00:08:14  
**IP Address:** 74.14.123.135

---

Page 1

**Q1**

How many people (including yourself) live in your household?

4

**Q2**

How many garbage bags (standard black bags) of waste does your household throw out per week?

1

**Q3**

How many bins (standard 16 gallon recycling bin) of mixed recyclables does your household put out every second week?

3

**Q4**

Yes

Do you regularly use the Municipal curbside waste collection service?

**Q5**

Yes

Do you currently recycle?

**Q6**

If you recycle, what types of materials do you typically recycle? (check all that apply)

used batteries,  
used oil and oil filters,  
lightbulbs (CFLs),  
metal cans,  
co-mingled plastics and paper containers/packaging,  
clean wood (for burning)

---



**Q7****Yes**

Do you regularly use the Municipal curbside recycling collection service?

---

**Q8****Yes**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off your garbage?

---

**Q9****household garbage**

If you drop off materials at the Municipal Transfer Station, what types of materials do you drop off? (check all that apply)

---

**Q10****Yes**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off recyclables?

---

**Q11**

**co-mingled recyclables,**  
**clean wood,**  
**small household batteries,**  
**hazardous waste (e.g., oil, oil filters, paint),**  
**CFL lightbulbs,**  
**scrap metal**

---

If you drop off recyclables at the Municipal Transfer Station, what materials do you usually drop off? (check all that apply)

---

**Q12****Yes**

Do you participate in backyard composting?

---

**Q13****Satisfied**

How satisfied are you with the current Municipal curbside waste collection service?

---

**Q14****Satisfied**

How satisfied are you with the current Municipal curbside recycling collection service?

---

**Q15****Satisfied**

How satisfied are you with the current transfer site operations?

---

**Q16**

What improvements to waste or recycling programs would you like to see in your community?

Free hazardous waste so people properly dispose of it.

Recycle glass products

---

**Q17**

Respondent skipped this question

Do you have any other final comments regarding waste or recycling services in Red Lake?

---

#60

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Tuesday, January 04, 2022 9:40:35 PM  
**Last Modified:** Tuesday, January 04, 2022 9:44:15 PM  
**Time Spent:** 00:03:39  
**IP Address:** 65.93.32.165

Page 1

**Q1**

How many people (including yourself) live in your household?

5

**Q2**

How many garbage bags (standard black bags) of waste does your household throw out per week?

2

**Q3**

How many bins (standard 16 gallon recycling bin) of mixed recyclables does your household put out every second week?

3

**Q4**

Do you regularly use the Municipal curbside waste collection service?

no (if not, please specify why not):  
Periodically. Attend transfer site as well.**Q5**

Do you currently recycle?

Yes

**Q6**

If you recycle, what types of materials do you typically recycle? (check all that apply)

electronic waste (e.g., TVs, computers),  
metal cans,  
co-mingled plastics and paper containers/packaging,  
clean wood (for burning)

**Q7****Yes**

Do you regularly use the Municipal curbside recycling collection service?

---

**Q8****Yes**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off your garbage?

---

**Q9**

If you drop off materials at the Municipal Transfer Station, what types of materials do you drop off? (check all that apply)

**household garbage,  
bulky items that can't be picked up curbside (e.g.,  
furniture)**

---

**Q10****No**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off recyclables?

---

**Q11****Respondent skipped this question**

If you drop off recyclables at the Municipal Transfer Station, what materials do you usually drop off? (check all that apply)

---

**Q12****Yes**

Do you participate in backyard composting?

---

**Q13****Satisfied**

How satisfied are you with the current Municipal curbside waste collection service?

---

**Q14****Satisfied**

How satisfied are you with the current Municipal curbside recycling collection service?

---

**Q15****Satisfied**

How satisfied are you with the current transfer site operations?

---

**Q16**

What improvements to waste or recycling programs would you like to see in your community?

None.

---

**Q17**

Do you have any other final comments regarding waste or recycling services in Red Lake?

Require new landfill bs transfer station to reduce costs

---

#61

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Tuesday, January 04, 2022 9:51:45 PM  
**Last Modified:** Tuesday, January 04, 2022 9:53:41 PM  
**Time Spent:** 00:01:56  
**IP Address:** 70.50.28.120

Page 1

Q1

How many people (including yourself) live in your household?

2

Q2

How many garbage bags (standard black bags) of waste does your household throw out per week?

1

Q3

How many bins (standard 16 gallon recycling bin) of mixed recyclables does your household put out every second week?

3

Q4

Yes

Do you regularly use the Municipal curbside waste collection service?

Q5

Yes

Do you currently recycle?

Q6

metal cans,  
co-mingled plastics and paper containers/packaging

If you recycle, what types of materials do you typically recycle? (check all that apply)

Q7

Yes

Do you regularly use the Municipal curbside recycling collection service?

**Q8****No**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off your garbage?

---

**Q9**

If you drop off materials at the Municipal Transfer Station, what types of materials do you drop off? (check all that apply)

**household garbage,****bulky items that can't be picked up curbside (e.g., furniture)****,****construction/renovation waste (e.g., flooring, drywall)****Q10****No**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off recyclables?

---

**Q11****Respondent skipped this question**

If you drop off recyclables at the Municipal Transfer Station, what materials do you usually drop off? (check all that apply)

---

**Q12****Yes**

Do you participate in backyard composting?

---

**Q13****Neutral**

How satisfied are you with the current Municipal curbside waste collection service?

---

**Q14****Neutral**

How satisfied are you with the current Municipal curbside recycling collection service?

---

**Q15****Neutral**

How satisfied are you with the current transfer site operations?

---

**Q16****Respondent skipped this question**

What improvements to waste or recycling programs would you like to see in your community?

---

**Q17**

**Respondent skipped this question**

Do you have any other final comments regarding waste or recycling services in Red Lake?

---



#62

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Tuesday, January 04, 2022 10:37:21 PM  
**Last Modified:** Tuesday, January 04, 2022 10:40:14 PM  
**Time Spent:** 00:02:53  
**IP Address:** 184.69.35.210

---

Page 1

**Q1**

How many people (including yourself) live in your household?

2

**Q2**

How many garbage bags (standard black bags) of waste does your household throw out per week?

1

**Q3**

How many bins (standard 16 gallon recycling bin) of mixed recyclables does your household put out every second week?

2

**Q4**

Do you regularly use the Municipal curbside waste collection service?

no (if not, please specify why not):  
No pick up on our street**Q5**

Do you currently recycle?

Yes

**Q6**

If you recycle, what types of materials do you typically recycle? (check all that apply)

paint/anti-freeze containers,  
co-mingled plastics and paper containers/packaging**Q7**

Do you regularly use the Municipal curbside recycling collection service?

No (if not, please specify why not):  
No pick up at our house

**Q8****Yes**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off your garbage?

---

**Q9****household garbage,**

If you drop off materials at the Municipal Transfer Station, what types of materials do you drop off? (check all that apply)

Other (please specify):  
Recycling

---

**Q10****Yes**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off recyclables?

---

**Q11****co-mingled recyclables**

If you drop off recyclables at the Municipal Transfer Station, what materials do you usually drop off? (check all that apply)

---

**Q12**

No (if not, please specify why not):  
Never have

Do you participate in backyard composting?

---

**Q13****Neutral**

How satisfied are you with the current Municipal curbside waste collection service?

---

**Q14****Neutral**

How satisfied are you with the current Municipal curbside recycling collection service?

---

**Q15****Satisfied**

How satisfied are you with the current transfer site operations?

---

**Q16****Respondent skipped this question**

What improvements to waste or recycling programs would you like to see in your community?

---

**Q17**

Do you have any other final comments regarding waste or recycling services in Red Lake?

The lady working at the transfer station is always so kind & helpful!

---

#63

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Wednesday, January 05, 2022 9:14:10 AM  
**Last Modified:** Wednesday, January 05, 2022 9:17:52 AM  
**Time Spent:** 00:03:41  
**IP Address:** 72.139.195.142

Page 1

Q1

How many people (including yourself) live in your household?

3

Q2

How many garbage bags (standard black bags) of waste does your household throw out per week?

1

Q3

How many bins (standard 16 gallon recycling bin) of mixed recyclables does your household put out every second week?

1

Q4

Do you regularly use the Municipal curbside waste collection service?

no (if not, please specify why not):  
Doesn't seem to have a scheduled time

Q5

Do you currently recycle?

Yes

Q6

If you recycle, what types of materials do you typically recycle? (check all that apply)

metal cans,  
co-mingled plastics and paper containers/packaging

Q7

Do you regularly use the Municipal curbside recycling collection service?

No (if not, please specify why not):  
As above

**Q8****Yes**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off your garbage?

---

**Q9**

If you drop off materials at the Municipal Transfer Station, what types of materials do you drop off? (check all that apply)

**household garbage,****bulky items that can't be picked up curbside (e.g., furniture)****,****construction/renovation waste (e.g., flooring, drywall),**

Other (please specify):

Heavy bags that curb side won't take

---

**Q10****Yes**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off recyclables?

---

**Q11**

If you drop off recyclables at the Municipal Transfer Station, what materials do you usually drop off? (check all that apply)

**co-mingled recyclables,****electronic waste (e.g., TVs, computers)**

---

**Q12**

Do you participate in backyard composting?

No (if not, please specify why not):

Too much wildlife in the area

---

**Q13****Neutral**

How satisfied are you with the current Municipal curbside waste collection service?

---

**Q14****Neutral**

How satisfied are you with the current Municipal curbside recycling collection service?

---

**Q15****Neutral**

How satisfied are you with the current transfer site operations?

---

**Q16****Respondent skipped this question**

What improvements to waste or recycling programs would you like to see in your community?

---

**Q17**

**Respondent skipped this question**

Do you have any other final comments regarding waste or recycling services in Red Lake?

---

#64

**COMPLETE**

**Collector:** Web Link 1 (Web Link)  
**Started:** Wednesday, January 05, 2022 10:01:47 AM  
**Last Modified:** Wednesday, January 05, 2022 10:05:54 AM  
**Time Spent:** 00:04:07  
**IP Address:** 24.76.12.51

---

Page 1

**Q1**

How many people (including yourself) live in your household?

4

**Q2**

How many garbage bags (standard black bags) of waste does your household throw out per week?

1

**Q3**

How many bins (standard 16 gallon recycling bin) of mixed recyclables does your household put out every second week?

4

**Q4****Yes**

Do you regularly use the Municipal curbside waste collection service?

**Q5****Yes**

Do you currently recycle?

**Q6****metal cans,  
co-mingled plastics and paper containers/packaging**

If you recycle, what types of materials do you typically recycle? (check all that apply)

**Q7****Yes**

Do you regularly use the Municipal curbside recycling collection service?

**Q8****Yes**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off your garbage?

---

**Q9**

If you drop off materials at the Municipal Transfer Station, what types of materials do you drop off? (check all that apply)

**household garbage,****bulky items that can't be picked up curbside (e.g., furniture)****,****construction/renovation waste (e.g., flooring, drywall),**

Other (please specify):

hazardous waste

**Q10****Yes**

Do you regularly frequent the Municipal Transfer Station (located at the landfill site) to drop off recyclables?

---

**Q11**

If you drop off recyclables at the Municipal Transfer Station, what materials do you usually drop off? (check all that apply)

**co-mingled recyclables,****hazardous waste (e.g., oil, oil filters, paint),****appliances (e.g., fridges, stoves),****electronic waste (e.g., TVs, computers)****Q12****Respondent skipped this question**

Do you participate in backyard composting?

---

**Q13****Satisfied**

How satisfied are you with the current Municipal curbside waste collection service?

---

**Q14****Satisfied**

How satisfied are you with the current Municipal curbside recycling collection service?

---

**Q15****Neutral**

How satisfied are you with the current transfer site operations?

---



**Q16**

What improvements to waste or recycling programs would you like to see in your community?

thought the reuse station was very valuable to our community when it was operating  
increasing the amount of items that we are able to recycle, like glass

---

**Q17**

Respondent skipped this question

Do you have any other final comments regarding waste or recycling services in Red Lake?

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