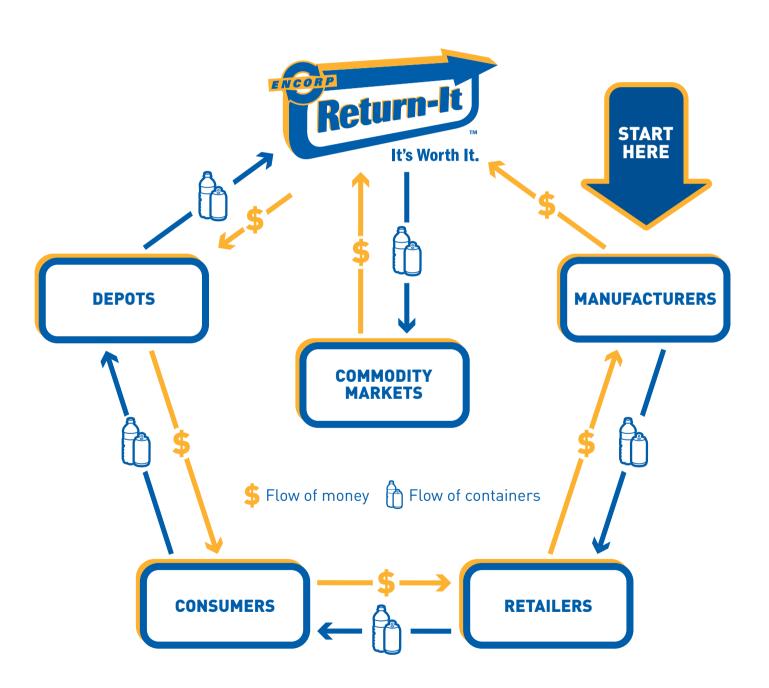


# 7.1 HOW MONEY FLOWS

The arrows show the direction of payments for deposits and container recycling fees (CRF) and the movement of beverage containers.





## 7.2 FOLLOW THE MONEY

## **REVENUES**

## **Container Recycling Fees**

When the revenue from unclaimed deposits and from sales of collected material are insufficient to cover the cost of recovering and recycling a specific container type, a non-refundable recycling fee is added to the container to make up for the shortfall.

#### Other Fees

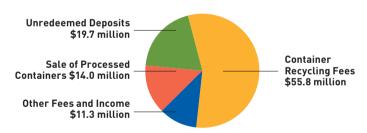
Revenues from service provider contracts.

#### Sale of Processed Containers

A portion of the cost of recovering aluminum and plastic containers, the two largest product categories, is covered by the value of the commodity collected. The prices for aluminum and plastic were strong and combined with the favourable exchange rate from USD to CAD in 2017, commodity revenue was higher than forecast which partially contributed to the rise in our operating reserve levels. The average price for aluminum was \$0.91 per pound (\$0.76 in 2016) and plastic was \$0.17 (\$0.13 in 2016).

## **Unredeemed Deposits**

Encorp is paid a deposit on every container sold. Deposits unclaimed are used to fund the system.



#### Where the money comes from

Container Recycling Fees	\$55.8 million	55.4%
Other Fees and Income*	11.3 million	11.2%
Sale of Processed Containers	14.0 million	13.9%
Unredeemed Deposits	19.7 million	19.5%

<sup>\*</sup>Other Fees includes electronics, packaging & printed paper and interest income.

100.8 million

100%

Note: Calculations may show slight variances due to rounding.

## **EXPENDITURES**

## **Transportation and Processing**

Contracted trucking companies collect containers from depots and grocery retailers and take them to processors where they are compacted for shipment.

#### Administration

Management of contracts, collection of revenues and payment of expenses.

#### **Consumer Education & Awareness**

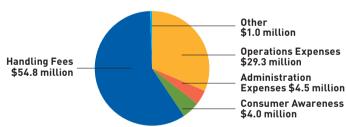
Programs that encourage consumers to return containers for recycling.

### **Container Handling Fees**

Per-unit fees paid, in addition to deposit reimbursement, to depots for collecting containers.

## **Deposit Refunds**

Paid to depots and grocery retailers to reimburse them for the deposits they have refunded to consumers.



#### Where the money is spent

Total Expenditures	93.6 million	100%
Other Expenses**	1.0 million	1.1%
Handling Fees	54.8 million	58.5%
Consumer Awareness	4.0 million	4.3%
Administration Expenses	4.5 million	4.8%
Operations Expenses	\$29.3 million	31.3%

<sup>\*\*</sup>Other Expenses include amortization and foreign exchange gain/loss.



**Total Revenues** 

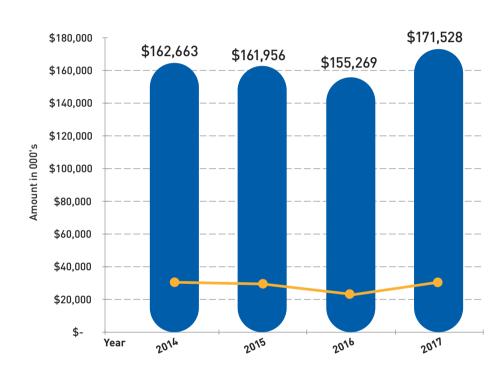
## 7.3 OPERATING RESERVES

## Purpose of the Operating Reserves

Encorp's reserves are built upon the corporation's fundamental principles of no cross-subsidization of container types and equitable treatment of brand owners. The operating reserves are required to provide stability to the system over the long-term, to avoid cross-subsidization of container types, and to facilitate and stabilize the frequency of Container Recycling Fee (CRF) changes.

CRF's may be raised, reduced or even eliminated in any given year to keep reserves within their targeted ranges. Reserves can also be reduced by increasing spending on activities designed to improve the recovery rate for a specific container type. The table shows the levels of reserves over recent years.

## Total Revenue vs Reserves 2014 - 2017





Reserves	2014 BALANCE	2015 YEAR	2015 BALANCE	2016 YEAR	2016 BALANCE	2017 YEAR	2017 BALANCE
OPERATING RESERVE / (DEFICIT)	\$32,625,751	\$(1,267,354)	\$31,358,397	\$(6,402,659)	\$24,955,738	\$7,438,787	\$32,394,525
RESTRICTED RESERVE / (DEFICIT)	1,180,382	344	1,180,726	100,795	1,281,521	(215,477)	1,066,044
TOTAL RESERVE / (DEFICIT)	\$33,806,133	\$(1,267,010)	\$32,539,123	\$(6,301,864)	\$26,237,259	\$7,223,310	\$33,460,569



## 7.3 OPERATING RESERVES

## Management of the Operating Reserves

Encorp's financial model requires a reasonable level of operating reserves to provide stability to the system. When these reserves rise above the amount deemed to be reasonable, measures are taken to reduce them to the appropriate level.

These reserves have been used to fund system costs that may otherwise have been reflected in consumer prices.

Encorp's operating reserves are maintained to meet the corporation's cash flow requirements, recognizing normal business volatility balanced over a period of three to five years.

On average, we pay about \$3 million per week to customers, depots, transporters and processors. Experience shows that our reserve level needs to be based on the cash flow requirements for six weeks during the peak season. This year, the operation reserve grew by \$7.2 million, well within the required level.

	Gross Revenue Including Deposits (millions)	Total Expenses Including Deposit Refunds (millions)	Results (millions)	Operating Reserves/ (Deficit) Year end (millions)
2013	161.7	158.4	3.3	30.7
2014	162.7	159.6	3.1	33.8
2015	162.0	163.3	(1.3)	32.5
2016	155.4	161.7	(6.3)	26.2
2017	171.5	164.3	7.2	33.4

# 7.4 CONTAINER RECYCLING FEES

CRF stands for Container Recycling Fee. This is the fee Encorp charges to cover the net cost of recycling a beverage container type after any unredeemed deposits and commodity revenues for that container type have been used.

CRFs have been in place for beverage containers in British Columbia for more than 18 years. The CRF varies for each beverage container category. As a not-for-profit product stewardship agency, Encorp Pacific only charges the net cost for recovering and recycling beverage containers. The CRF reflects current economic conditions such as commodity prices and beverage volumes.

Container Type	2016	2017
Aluminum	1.0 cent	2.0 cents
Plastic ≤ 1L	3.0 cents	4.0 cents
Plastic > 1L	4.0 cents	4.0 cents
Polystyrene	3.0 cents	4.0 cents
Glass ≤ 1L	9.0 cents	9.0 cents
Glass > 1L	40.0 cents	16.0 cents
Bi-Metal ≤ 1L	3.0 cents	4.0 cents
Bi-Metal > 1L	-	-
Bag-In-Box	-	_
Drink Boxes ≤ 500 ml	1.0 cent	1.0 cent
Drink Boxes 501 ml - 1L	5.0 cents	5.0 cents
Drink Boxes > 1L	–	–
Gable Top ≤ 1L	-	-
Gable Top > 1L	6.0 cents	6.0 cents
Drink Pouches	-	_
Glass Wine & Spirits ≤ 1L	11.0 cents	12.0 cents
Glass Wine & Spirits > 1L	16.0 cents	16.0 cents
Non-Refillable Beer, Cider, Cooler Glass ≤ 1L	7.0 cents	9.0 cents
Non-Refillable Beer, Cider, Cooler Glass > 1L	23.0 cents	16.0 cents
Liquor Plastic ≤ 1L	4.0 cents	3.0 cents
Liquor Plastic > 1L	8.0 cents	8.0 cents
Liquor Bag-In-Box	1.0 cent	1.0 cent

