Quarterly Report on the Status of the Beverage Container Recycling Fund

(FY 2018-19 - First Quarter)

August 9, 2019





California Department of Resources Recycling and Recovery

State of California Gavin Newsom Governor

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Executive Summary

Consistent with statutory requirements and the Department of Resources Recycling and Recovery's (CalRecycle) commitment to transparency, CalRecycle presents the Beverage Container Recycling Fund (Fund) Quarterly Status Report (Quarterly Report). The Quarterly Report reviews the Fund's adequacy to make Beverage Container Recycling Program (BCRP) payments. The Fund is the BCRP's primary financial account and is the depository of California Refund Value (CRV).

This edition reports on the first quarter (Q1) for Fiscal Year (FY) 2018-19 (July through September 2018) and reflects:

- A fund condition statement, including revenues, transfers, and expenditures.
- Assessments of the Fund's structural deficit and/or surplus and ability to make BCRP payments.
- Recycling rates inferred from revenues.
- Significant changes between current and previous projections and the methodology used for forecasting.
- Projected sales, returns, handling fee and processing payments, and grants awarded.

Current trends affecting the BCRP include increased returns of CRV beverage containers and increased expenditures, resulting in a structural deficit.

In brief, this Quarterly Report projects a \$26.9 million structural deficit for FY 2018-19. This is a \$29 million change in the Fund status from the previous projection of a \$2 million structural surplus, for the same period reflected in the <u>FY 2017-18 Fourth</u> Quarter Quarterly Report (Q4).

For FY 2019-20, the projected trend is for CRV-out to increase at a greater rate than CRV-in, resulting in a \$10.4 million projected deficit. For FY 2020-21, sales of beverage containers are projected to increase, resulting in a \$1 million projected deficit.

Further details on the factors attributable to structural deficits and surpluses can be found in Section II. Included in those factors are CRV-in and CRV-out. Currently, a 1 percent increase or decrease in CRV-in would result in a corresponding change to the Fund balance of approximately \$13.5 million. Alternatively, a 1 percent increase or decrease in CRV-out would result in a corresponding change in the Fund balance of approximately \$10.9 million.

CalRecycle projects the overall recycling rate inferred from CRV-in and CRV-out (excluding administrative fees) to be 77.8 percent for FY 2018-19.¹ This projection is a 0.8 percent increase from the Q4 projection.

Given the recent trends, CalRecycle projects that the Fund should have adequate cash resources to support payments through FY 2020-21.

The numbers contained in this report are based on actual data through September 2018 and projections as of October 2018.

CalRecycle welcomes your feedback. Please send questions and comments to <u>opa@calrecycle.ca.gov</u> or contact the Office of Public Affairs at (916) 341-6300.

¹ Quarterly Reports discuss the Fund's financial status. For recycling rates based on container counts and the numbers of pounds of material redeemed, please consult CalRecycle's <u>Biannual Reports.</u>

I. Fund Condition Statement

Pursuant to Public Resources Code (PRC) Section 14556(a)(1), this section provides an updated fund condition statement,² which includes revenues, transfers, and expenditures into and out of the Fund. The primary revenues and expenditures from the Fund, the BCRP's primary financial account, are CRV-in (paid by beverage distributors when selling beverages within the state) and CRV-out (refunds paid for the redemption of beverage containers).

The fund condition statements in this report include accrued revenues (i.e., revenues recognized before cash is received) and accrued expenses (i.e., expenses recognized before cash is paid out) at the end of each fiscal year.

Table 1 shows the fund condition statements for FY 2017-18 and projections for FY 2018-19 and FY 2019-20. For more information on fund condition statements for the processing fee and penalty accounts, see Appendix I.

Table 2 presents more detailed information regarding the status of Q1. CalRecycle collects and pays expenditures in arrears and practices the accrual method of accounting. As such, receipt and expenditure activities in the first two months of the new fiscal year (i.e., within Q1) are low because these transactions are generally applicable to the previous fiscal year. Accordingly, Q4 activity is high because the period includes projected (or assumed) expenditures and accruals. In other words, projections show transactions CalRecycle expects to be processed before June 30 and transactions CalRecycle expects to be realized after June 30.

² The updated fund condition statement may differ from the Governor's Budget fund condition statement. See Appendix I for an explanation of differences between the Governor's Budget and BCRF Quarterly Reports.

Table 1: Beverage Container Recycling Fund 0133 – Fund Condition Statement FY 2017-18 & Projections for FY 2018-19, FY 2019-20

		2019-20) GOVERNOR'S E	BUDGET	Upda	ted - Forecasted \	/alues
		FY 2017-18	FY 2018-19	FY 2019-20	FY 2017-18	FY 2018-19	FY 2019-20
BEGINNING BAL	ANCE	\$275,401,000	\$297,528,000	\$307,634,000	\$275,401,000	\$297,528,000	\$273,009,000
Prior Year Adju	stments	\$995,000			\$995,000		
	Balance, Adjusted	\$276,396,000	\$297,528,000	\$307,634,000	\$276,396,000	\$297,528,000	\$273,009,000
REVENUES AND	TRANSFERS						
Revenues:							
125100	Beverage Container Redemption Fees	\$1,342,961,000	\$1,356,538,000	\$1,374,396,000	\$1,342,961,000	\$1,350,522,000	\$1,364,058,000
141200	Sales of Documents	\$3,000	\$0	\$0	\$3,000	\$0	\$0
150300	Income from surplus money investments	\$1,991,000	\$1,991,000	\$1,991,000	\$1,991,000	\$1,991,000	\$1,991,000
161000	Escheat of unclaimed checks & warrants	\$32,000	\$32,000	\$32,000	\$32,000	\$32,000	\$32,00
161400	Miscellaneous Revenue (option B)	\$3,229,000	\$3,229,000	\$3,229,000	\$3,229,000	\$3,229,000	\$3,229,000
163000	Settlements/Judgements	\$6,000	\$82,000	\$82,000	\$6,000	\$82,000	\$82,000
164300	Penalty Assessment	\$61,000	\$61,000	\$61,000	\$61,000	\$61,000	\$61,000
164700	Court Filing Fees	\$0	\$0	\$0	\$0	\$0	\$0
	Total Revenues	\$1,348,283,000	\$1,361,933,000	\$1,379,791,000	\$1,348,283,000	\$1,355,917,000	\$1,369,453,000
Transfers to Ot	her Funds:						
TO0269	To Glass Processing Fee Account (Glass) (0269), PRC 14581 (a)(5)(A)	-\$55,789,000	-\$57,445,000	-\$54,886,000	-\$55,789,000	-\$59,185,000	-\$58,275,000
TO0278	To PET Processing Fee Account (PET) (0278), PRC 14581 (a)(5)(A)	-\$44,192,000	-\$41,500,000	-\$37,674,000	-\$44,192,000	-\$51,026,000	-\$53,196,00
TO0269	To Glass (0269), 3 Yr Reconciliation Payback	-\$7,392,000	-\$7,392,000	\$0	-\$7,392,000	-\$7,392,000	\$
TO0278	To PET (0278), 3 Yr Reconciliation Payback	-\$3,256,000	-\$3,256,000	\$0	-\$3,256,000	-\$3,256,000	\$
	Total Transfers To	-\$110,629,000	-\$109,593,000	-\$92,560,000	-\$110,629,000	-\$120,859,000	-\$111,471,00
	Totals, Revenues and Transfers		\$1,252,340,000		\$1,237,654,000		
	Total Resources		\$1,549,868,000		\$1,514,050,000	\$1,532,586,000	\$1,530,991,000
EXPENDITURES		ψ1,014,000,000	ψ1,040,000,000	φ1,004,000,000	ψ1,014,000,000	φ1,002,000,000	φ1,000,001,000
Disbursements							
	0555 Secretary for Environmental Protection	\$0	\$375,000	\$375,000	\$0	\$375,000	\$375,000
	8880 Financial Information System for CA (FI\$Cal)	\$63,000	\$6,000	-\$139,000	\$63,000	\$6,000	-\$139,000
	9900 Statewide General Administrative Expenditures (Pro Rata)	\$283,000	\$2,109,000	\$2,408,000	\$283,000	\$2,109,000	\$2,408,000
		\$203,000	\$490,000	\$1,095,000	\$283,000	\$490,000	
	9892 Supplemental Pension Payments	φυ	φ490,000	\$1,095,000	Φ Ο	\$490,000	\$1,095,000
	3970 CalRecycle						
	State Operations		#57 405 000				
	(3970-001-0133) Departmental Support	\$44,749,000	\$57,405,000	\$55,589,000	\$44,749,000	\$57,405,000	\$55,589,000
	Local Assistance	• -• - · • • • •	• • • • • • • • • • •	•	•	• · · · • • • • • •	•
	(3970-601-0133) Handling Fees, PRC 14581 (a)(1)	\$50,548,000	\$44,446,000	\$45,802,000	\$50,548,000	\$44,200,000	\$45,200,000
	(3970-603-0133) CRV Out, PRC 14580	\$1,073,509,000			\$1,073,509,000	\$1,092,679,000	\$1,101,692,00
	(3970-604-0133) Curbside, PRC 14581 (a)(2)	\$15,000,000	\$15,000,000	\$15,000,000	\$15,000,000	\$15,000,000	\$15,000,00
	(3970-605-0133) Plastic Mkt Development, PRC 14581 (a)(8)(A)	\$4,981,000	\$15,000,000	\$10,000,000	\$4,981,000	\$15,000,000	\$10,000,00
	(3970-606-0133) Grants - Local CCCs, PRC 14581.1	\$7,142,000	\$7,813,000	\$8,475,000	\$7,142,000	\$7,813,000	\$8,475,00
	(3970-608-0133) Pmts to Cities and Counties, PRC 14581 (a)(3)(A)	\$8,926,000	\$10,500,000	\$10,500,000	\$8,926,000	\$10,500,000	\$10,500,00
	(3970-609-0133) Grants - other, PRC 14581 (a)(4)	\$1,412,000	\$1,500,000	\$1,500,000	\$1,412,000	\$1,500,000	\$1,500,00
	(3970-610-0133) Public Education, PRC 14581 (a)(6)	\$0	\$2,500,000	\$5,000,000	\$0	\$2,500,000	\$5,000,00
	(3970-611-0133) Quality Incentive Payment PRC 14581 (a)(7)	\$9,909,000	\$10,000,000	\$10,000,000	\$9,909,000	\$10,000,000	\$10,000,000
	Total Expenditures	\$1,216,522,000	\$1,242,234,000	\$1,236,387,000	\$1,216,522,000	\$1,259,577,000	\$1,266,695,000
	FUND BALANCE	\$297,528,000	\$307,634,000	\$358,478,000	\$297,528,000	\$273,009,000	\$264,296,000

* Surplus Money Investment Fund projections are adjusted to match past year actuals to give a more accurate calculation.

	CA BEVERAGE CONTAINER RECYCLING FUND (0133)					Actual		
						Expenditures		
	FY 2018-19 ACTIVITY REPORT		_	for FY 2018-19				
		FY 2018-19		Q1 (July-Sept)	Q2 (Oct-Dec)	Q3 (Jan-Mar)	Q4 (Apr-June)	
		Activity ¹		(Actuals)	(Projections)	(Projections)	(Projections)	Total
REVENUE	ES AND TRANSFERS							
Revenu	ies:							
125100	Beverage Container Redemption Fees	\$1,356,538,000		\$178,362,376	\$392,725,208	\$392,725,208	\$392,725,208	\$1,356,538,000
141200	Sales of Documents	\$0		\$0	\$0	\$0	\$0	\$0
142500	Miscellaneous Services to the Public	\$0		\$275	-\$92	-\$92	-\$92	\$0
150300	Income from surplus money investments	\$1,991,000		\$0	\$663,667	\$663,667	\$663,667	\$1,991,000
161000	Escheat of unclaimed checks & warrants	\$32,000		\$60,219	-\$9,406	-\$9,406	-\$9,406	\$32,000
161400	Miscellaneous Revenue ²	\$3,229,000		\$313,010	\$971,997	\$971,997	\$971,997	\$3,229,000
163000	Settlements/Judgements	\$82,000		\$0	\$27,333	\$27,333	\$27,333	\$82,000
164300	Penalty Assessment	\$61,000		\$11,256	\$16,581	\$16,581	\$16,581	\$61,000
	Total Revenues	\$1,361,933,000	_		\$394,395,288	\$394,395,288	\$394,395,288	\$1,361,933,000
Transfe	ers From Other Funds:	\$0	-	\$0	\$0	\$0	\$0	\$0
	Total Transfers From	\$0		\$0	\$0	\$0	\$0	\$0
Transfe	ers to Other Funds:				· · ·			
TO0269	To Glass Processing Fee Account (Glass) (0269), PRC 14581 (a)(5)(A) ³	-\$64,837,000		\$16,848,805	-\$27,228,602	-\$27,228,602	-\$27,228,602	-\$64,837,000
TO0278	To PET Processing Fee Account (PET) (0278), PRC 14581 (a)(5)(A) ³	-\$44,756,000		\$12,145,644	-\$18,967,215	-\$18,967,215	-\$18,967,215	-\$44,756,000
	Total Transfers To	-\$109,593,000		\$28,994,449		-\$46,195,816	-\$46,195,816	-\$109,593,000
	Totals, Revenues and Transfers	\$1,252,340,000		\$207,741,585	\$348,199,472	\$348,199,472	\$348,199,472	\$1,252,340,000
EXPEND	TURES							
	ements:							
	3970 CalRecycle		_					
	State Operations	\$57,405,000	_	\$18,753,458	\$12,883,847	\$12,883,847	\$12,883,847	\$57,405,000
	(3970-001-0133) Departmental Support	\$57,405,000	_	\$18,753,458	\$12,883,847	\$12,883,847	\$12,883,847	\$57,405,000
	Local Assistance	\$1,181,849,000	_	\$257,553,000		\$308,099,000	\$308,099,000	\$1,181,849,000
	(3970-603-0133) CRV Out, PRC 14580	\$1,075,090,000		\$253,519,897		\$273,856,701	\$273,856,701	\$1,075,090,000
	(3970-601-0133) Handling Fees, PRC 14581 (a)(1)	\$44,446,000		\$4,032,748	\$13,471,084	\$13,471,084	\$13,471,084	\$44,446,000
	(3970-606-0133) Grants - Local CCCs, PRC 14581.1	\$7,813,000		\$0 \$0	\$2,604,333	\$2,604,333	\$2,604,333	\$7,813,000
	(3970-609-0133) Grants - other, PRC 14581 (a)(4)	\$1,500,000		\$0 \$0	\$500,000 \$5,000,000	\$500,000 \$5,000,000	\$500,000 \$5,000,000	\$1,500,000 \$15,000,000
	(3970-604-0133) Curbside, PRC 14581 (a)(2) (3970-608-0133) Protecto Citics and Counties, PRC 14581 (a)(3)(4)	\$15,000,000		\$0 \$0	\$5,000,000 \$3,500,000	\$5,000,000 \$3,500,000	\$5,000,000 \$3,500,000	\$15,000,000 \$10,500,000
	(3970-608-0133) Pmts to Cities and Counties, PRC 14581 (a)(3)(A) (3970-610-0133) Public Education PRC 14581 (a)(6)	\$10,500,000 \$2,500,000		\$0 \$0	\$3,500,000 \$833,333	\$3,500,000 \$833,333	\$3,500,000 \$833,333	\$10,500,000 \$2,500,000
	(3970-605-0133) Plastic Mkt Development, PRC 14581 (a)(8)(A)	\$2,500,000		\$0 \$0	\$5,000,000	\$5,000,000	\$5,000,000	\$2,500,000
	(3970-603-6133) Plastic Mix Development, FIXC 14581 (a)(6)(A) (3970-611-0133) Quality Incentive Payment PRC 14581 (a)(7)	\$10,000,000		\$0 \$0	\$3,333,333	\$3,333,333	\$3,333,333	\$10,000,000
	Total Expenditures	\$1,239,254,000	-		\$320,982,847	\$320,982,847	\$320,982,847	\$1,239,254,000
L		ψ1,200,20 1 ,000		Ψ210,000,400	<i>\\</i>	Ψ020,302,0 4 1	₩020,302,0 1 1	Ψ1,200,20 7 ,000

Notes: Final values for continuous appropriations in the Governor's Budget will not tie out to the quarter breakout because they include activity from previous fiscal years, while this quarter breakout is specifically for FY 2018/19.

¹ Numbers are rounded to be displayed the same as Governor's Budget

² Includes Option B Payments

³ Includes 3 yr. Reconciliation

II. Adequate Funds Determination

In accordance with PRC Section 14556(c), this section explains whether there are adequate funds to make all BCRP payments. If there are insufficient funds, CalRecycle shall proportionally reduce specified payments to ensure it is able to provide consumers their CRV refunds and to continue to operate the BCRP.³

Structural Deficit and Surplus

BCRP operations are funded by unclaimed CRV. As the recycling rate increases, less funding is available to make all of the budgeted payments prescribed in statute, including CRV-out, BCRP administration, local conservation corps grants, and payments and transfers outlined in PRC Section 14581. A structural deficit occurs when expenditures exceed revenues in the same period. Alternatively, as expenditures decrease (due to a reduction of CRV-out) and revenues increase (due to an increase of CRV-in), the deficit will shrink and lead to a structural surplus.

As outlined in Table 3, CalRecycle projects a structural deficit of \$26.9 million for FY 2018-19 due to changes in revenue and expenditures. Previous projections for the same period projected a structural surplus of \$2 million; a \$29 million change from Q4. This shift from a structural surplus to a structural deficit is due, primarily, to an \$8.6 million increase in CRV-out and a \$15 million increase in program payments, specifically processing fee offsets.

In FY 2019-20, CalRecycle forecasts a structural deficit of \$10.4 million. Previous projections for the same period projected a structural surplus of \$30 million; a \$40.1 million change from Q4. This is attributable primarily to a projected \$23.2 million increase in CRV-out and \$16.5 million increase in program payments. Other factors contributing to the deficit include the completion of the three year reconciliation transfers to the Processing Fee Accounts that began in FY 2016-17 and will conclude in FY 2018-19.

For FY 2020-21, CalRecycle projects that CRV-in will increase at a greater rate than CRV-out resulting in a \$1 million structural deficit.

³ PRC Section 14581(c).

Table 3: Beverage Container Recycling Fund 0133: Structural Deficit and Surplus

Base Revenue/Expenditures	FY 2018/19	FY 2019/20	FY 2020/21
(Source 125100) CRV-In	\$1,350,522,000	\$1,364,058,000	\$1,377,530,000
(3970-603-0133) CRV-Out	\$1,092,679,000	\$1,101,692,000	\$1,105,753,000
(3970-001-0133) Program Administration	-\$57,405,000	-\$55,589,000	-\$55,589,000
(3970-606-0133) Grants - Local CCCs	-\$7,813,000	-\$8,475,000	-\$8,475,000
Total Available for 14581 Programs	\$192,625,000	\$198,302,000	\$207,713,000
14581 Programs			
(3970-615-0133) Proc Fee Offset - Glass	-\$59,185,000	-\$58,275,000	-\$57,930,000
(3970-615-0133) Proc Fee Offset - Glass 3yr Reconciliation Payback	-\$7,392,000	\$0	\$
(3970-616-0133) Proc Fee Offset - PET	-\$51,026,000	-\$53,196,000	-\$52,702,00
(3970-616-0133) Proc Fee Offset - PET 3yr Reconciliation Payback	-\$3,256,000	\$0	\$
(3970-601-0133) Handling Fees	-\$44,200,000	-\$45,200,000	-\$46,100,00
(3970-604-0133) Curbside	-\$15,000,000	-\$15,000,000	-\$15,000,00
(3970-605-0133) Plastic Mkt Development	-\$15,000,000	-\$10,000,000	-\$10,000,00
(3970-608-0133) Payments to Cities and Counties	-\$10,500,000	-\$10,500,000	-\$10,500,00
(3970-609-0133) Grants - NPO	-\$1,500,000	-\$1,500,000	-\$1,500,00
(3970-610-0133) Public Education	-\$2,500,000	-\$5,000,000	-\$5,000,00
(3970-611-0133) Quality Incentive Payment	-\$10,000,000	-\$10,000,000	-\$10,000,00
Total 14581 Programs	-\$219,559,000	-\$208,671,000	-\$208,732,00
Total Structural Deficit / Surplus	¢26 024 000	¢10 260 000	¢4 040 000

Total Structural Deficit / Surplus

-\$26,934,000 -\$10,369,000 -\$1,019,000



Status of the Beverage Container Recycling Fund FY 2018-19 First Quarter

Given the impact of minor CRV-in and CRV-out changes on revenue and expenditures, it is critical to evaluate the timing of actual revenue and disbursements to assess the risk of an insufficient cash balance to maintain uninterrupted BCRP and administrative operations. A careful analysis of cash flow and cash balances indicate if CalRecycle needs to invoke measures to ensure cash solvency.

A cash forecast is used to manage cash flow, track revenue and expenditures, and estimate when the cash balance will be below the required minimum reserve. CalRecycle projects sufficient cash reserves to support BCRP payments through the forecast period. However, minor changes in sales and returns can translate to significant effects on cash reserves. Currently, a 1 percent change in CRV-in would result in an approximately \$13.5 million change to the Fund balance. Additionally, a 1 percent change in CRV-out would change the balance by approximately \$10.9 million.

The cash balance of the Fund is impacted by different timing of receipts and payments for any given month. Receipts into the Fund made by distributors must be made no later than the last day of the month following the sale of the beverage container.⁴ Payments out of the Fund (refunds, administration fees, and processing payments) are paid typically within the month of the transaction or, on average, two weeks after the end of the month.⁵ Other expenditures and payments under PRC Section 14581 are paid according to specific schedules. Handling fee payments, for example, are paid monthly.⁶

⁴ PRC Section 14574(a)(2).

⁵ PRC Section 14573 requires the CalRecycle to pay the processor upon presentation of a completed processor invoice accompanied by a shipping report from the supplier of of the material.

⁶ PRC Section 14585(a)(1).

Status of the Beverage Container Recycling Fund FY 2018-19 First Quarter

FY			FY			FY		
2017/18			2018/19			2019/20		
	Jul			Jul			Jul	
1st Qtr	(Actual)	\$208,512,782.38	1st Qtr	(Actual)	\$192,560,411.12	1st Qtr	(Projected)	\$ 161,633,303.82
	Aug			Aug			Aug	
	(Actual)	\$169,217,834.78		(Actual)	\$214,382,892.04		(Projected)	\$ 154,536,746.95
	Sept			Sept			Sept	
	(Actual)	\$185,874,939.51		(Actual)	\$193,242,126.33		(Projected)	\$ 171,126,573.34
	Oct			Oct			Oct	
2nd Qtr	(Actual)	\$134,755,942.60	2nd Qtr	(Actual)	\$205,812,700.99	2nd Qtr	(Projected)	\$ 163,409,432.00
	Nov			Nov			Nov	
	(Actual)	\$187,832,943.70		(Actual)	\$240,451,340.46		(Projected)	\$ 180,831,036.39
	Dec			Dec			Dec	
	(Actual)	\$168,719,506.68		(Actual)	\$228,664,826.07		(Projected)	\$ 197,340,855.79
	Jan			Jan			Jan	
3rd Qtr	(Actual)	\$159,715,895.61	3rd Qtr	(Projected)	\$185,350,054.48	3rd Qtr	(Projected)	\$ 156,816,838.44
	Feb			Feb			Feb	
	(Actual)	\$168,356,555.26		(Projected)	\$200,171,846.76		(Projected)	\$ 171,347,784.83
	Mar			Mar			Mar	
	(Actual)	\$183,854,666.43		(Projected)	\$204,923,542.04		(Projected)	\$ 181,467,543.23
	April			April			April	
4th Qtr	(Actual)	\$152,944,695.68	4th Qtr	(Projected)	\$174,079,415.25	4th Qtr	(Projected)	\$ 158,882,299.88
	Мау			Мау			May	
	(Actual)	\$163,148,821.07		(Projected)	\$183,333,012.53		(Projected)	\$ 171,412,699.27
	June			June			June	
	(Actual)	\$198,317,998.75		(Projected)	\$185,868,481.81		(Projected)	\$ 185,072,513.67

Table 4: Cash Balance Summary (As of December 31, 2018)

III. Recycling Rates Inferred from CRV Revenues and Expenditures

In accordance with PRC Section 14556(a)(2), this section provides information regarding the recycling rates inferred from CRV-in and CRV-out for FY 2018-19 and FY 2019-20.⁷ Table 5a displays the ratio of CRV expenditures to CRV revenues, net of both the administrative fee (2.5 percent of CRV-out) paid by CalRecycle to processors and recyclers by law, and of the administrative fee (1.5 percent of CRV-in) retained by distributors.⁸ In contrast, Table 5b excludes those administrative fees and just displays the ratio of CRV revenues.

The projected overall recycling rate (excluding administrative fees) for all beverage container material types combined for FY 2018-19 is 77.8 percent. This projection is a 0.8 percent increase from the previous projection in Q4.

Material Type	FY 2018-19	FY 2019-20
Aluminum	90.8%	91.1%
Glass	69.1%	69.4%
PET Plastic	78.7%	78.5%
HDPE Plastic	76.0%	73.9%
Overall	80.9%	80.8%

Table 5a: Recycling Rates Inferred from CRV Revenues and Expenditures (Including Administrative Fees)

Note: Other beverage container materials (bimetal and other plastics) are included in the overall rate but not shown on their own lines because they are sold and recycled in small volumes. This table satisfies the statutory requirement for "recycling rates" inferred from revenues.

⁷ Statute requires the Quarterly Report to include a recycling rate inferred from revenues, which is calculated by dividing CRV-out by CRV-in. The recycling rates displayed in CalRecycle's Biannual Report of Beverage Container Sales, Returns, Redemption, and Recycling Rates (Biannual Report) are based on formulas stipulated in PRC Section 14551 used to calculate the percentage of *containers* recycled. ⁸ RPC Section 14574(a)(1)

⁸ PRC Section 14574(a)(1)

Table 5b: Recycling Rates Inferred from CRV Revenues and Expenditures (Excluding Administrative Fees)

Material Type	FY 2018-19	FY 2019-20
Aluminum	87.3%	87.5%
Glass	66.4%	66.7%
PET Plastic	75.6%	75.4%
HDPE Plastic	73.0%	71.0%
Overall	77.8%	77.6%

Note: Other beverage container materials (bimetal and other plastics) are included in the overall rate but not shown on their own lines because they are sold and recycled in small volumes. This table satisfies the statutory requirement for "recycling rates" inferred from revenues.

IV. Projections and Estimates

Pursuant to PRC Sections 14556(a)(4) et seq., this section provides information for projected sales, handling fee payments, and processing payments for FY 2018-19 and FY 2019-20.

A. Sales and Returns by Material Type

Tables 6 and 7 reflect California sales and returns of beverage containers by material and size.

Sold container counts are derived from reports that beverage distributors send directly to CalRecycle, whereas recycled container counts are calculated from the redemption weight reported on shipping reports, multiplied by the current container per pound rate. The container per pound rate is regularly adjusted to reflect changes in the mix of beverage containers in the state. As such, the calculated number of returns will not align exactly with the recycling rates reported above.

Material Type	Size	FY 2018-19	FY 2019-20
Aluminum	< 24 oz.	7,647,545,185	7,463,631,454
	≥ 24 oz.	683,074,643	708,295,809
	All sizes	8,330,619,828	8,171,927,263
Glass	< 24 oz.	2,981,933,393	2,953,776,351
	≥ 24 oz.	218,274,179	230,564,422
	All sizes	3,200,207,572	3,184,340,772
PET Plastic	< 24 oz.	11,098,462,205	11,551,184,113
	≥ 24 oz.	1,672,517,082	1,648,765,014
	All sizes	12,770,979,286	13,199,949,127
HDPE Plastic	< 24 oz.	115,704,426	131,036,965
	≥ 24 oz.	87,596,350	70,525,365
	All sizes	203,300,776	201,562,330
Bimetal and Other Plastics	< 24 oz.	186,966,570	198,703,260
	≥ 24 oz.	34,112,682	40,990,128
	All sizes	221,079,251	239,693,388
All Materials	< 24 oz.	22,030,611,779	22,298,332,144
	≥ 24 oz.	2,695,574,935	2,699,140,737
Total, All Materials and All	Sizes	24,726,186,714	24,997,472,881

Table 6: Sales in Containers by Material and Size, Actuals and Forecasts

Material Type	FY 2018-19	FY 2019-20
Aluminum	7,153,782,356	7,068,239,093
Glass	2,122,065,016	2,129,170,621
PET Plastic	9,671,505,492	9,916,029,339
HDPE Plastic	120,976,872	109,595,208
Bimetal and Other Plastics	44,740,893	49,935,352
Total	19,113,070,628	19,272,969,613

Table 7: Returns in Containers by Material, Actuals and Forecast

B. Projected Handling Fee Payments

This section includes handling fee payments, the fee per container, and the number of beverage containers projected to be eligible for a handling fee payment. The total annual amount of handling fees authorized fluctuates annually based upon the per container handling fee rate and the total number of containers returned at eligible recycling centers.

The projected handling fees for FY 2018-19 are calculated based on a handling fee per container rate of \$0.00833 derived from the most recent cost survey effective July 1, 2018.⁹ The FY 2019-20 handling fee rate will be derived from the most recent cost survey, effective July 1, 2019, and will be reflected in future quarterly reports.

Table 8: Handling Fee Payments, Rates, and Containers, Actuals and Forecasts

Handling Fees	FY 2018-19	FY 2019-20
Handling Fee Payments	\$44,200,417	\$45,200,164
Fee per Container	\$0.00833	\$0.00833
Estimated Number of Containers	5,306,172,473	5,426,190,173

⁹ <u>Handling Fee Cost Survey Final Report:</u> <u>https://www2.calrecycle.ca.gov/Publications/Download/1389</u>

C. Projected Processing Payments

This section includes actual and projected processing fee offsets, processing fees, and processing payments by beverage container material type.¹⁰

Table 9: Processing Fees, Processing Payments, and Processing Offsets by Material Type, Actuals and Forecasts

FY	Material Type	Processing Fees	Processing Fee Offsets	Processing Payments
2018-19	Glass	\$9,252,679	\$59,185,337	\$70,398,737
2018-19	PET Plastic	\$6,069,850	\$47,302,188	\$55,656,916
2018-19	HDPE Plastic	\$863,383	\$3,724,163	\$4,599,106
2018-19	All Other Plastics and Bimetal	\$6,003,095	\$0	\$831,471
2018-19	Total	\$22,189,007	\$110,211,688	\$131,486,231
2019-20	Glass	\$9,314,500	\$58,275,124	\$69,576,283
2019-20	PET Plastic	\$6,770,322	\$49,760,235	\$58,536,578
2019-20	HDPE Plastic	\$832,379	\$3,436,101	\$4,268,480
2019-20	All Other Plastics and Bimetal	\$6,328,484	\$0	\$822,505
2019-20	Total	\$23,245,684	\$111,471,459	\$133,203,845

Projections for processing fees, processing payments, and processing fee offsets for this report are based on the rates in effect at the time the projections were made. The sum of the processing fees and processing fee offsets do not equal processing payments. This discrepancy is due to two factors.

¹⁰ Processing Payments are adjusted based on the cost of recycling and average scrap value for each beverage container material type. Processing Payment information is available on the CalRecycle website at https://www.calrecycle.ca.gov/BevContainer/Notices/#Processing.

First, beverage manufacturers receive \$2 million in discounts (direct reductions of manufacturers' processing fee liabilities taken from the processing fee accounts) for glass and polyethylene terephthalate (PET) plastic processing fees. The processing fee amounts for glass and PET displayed in Table 9 reflect these discounts.

Second, the processing fee offset (transfers from the Fund to the processing fee accounts) includes an annual reconciliation covering the most recent calendar year. Reconciliation is on a calendar year basis, while this report displays fiscal year amounts. This accounts for the discrepancy between the processing payments and the sum of the offsets and processing fees.

Overall, the factors below impact the processing fee offset:

- Quarterly transfers from the Fund to the processing fee accounts (offsets for the quarter) based on estimates of fees and payments for the upcoming calendar year.
- Changes to the processing payments due to quarterly changes in scrap value.
- Transfers to processing fee accounts as required to maintain a minimum balance of 5 percent of expenditures for the last fiscal year.

V. Significant Changes

Pursuant to PRC Section 14556 (a) and (c), this section details changes to the methodology used for forecasting the fund condition statement and any other significant changes to the fund condition statement from the previous Quarterly Report.

Since the Q4 FY 2017-18 report (April 2019), there have been no significant methodological changes.

Appendix I. Updated Fund Condition Report 2019-2020 Governor's Budget

This section contains the fund condition statements for the remaining four BCRP funds covering FYs 2017-18 through 2019-20. The values are based on the FY 2019-20 Governor's Budget except for updated values derived from subsequent forecasts.

Below is a brief description of each of the funds:

Glass Processing Fee Account, Fund 0269 – This fund serves as a depository for glass processing fees paid by beverage manufacturers who package products in glass bottles. This fund is the source for paying processing payments to certified recyclers for handling empty glass beverage containers.

Plastic Processing Fee Account, Fund 0278 – This fund serves as a depository for plastic processing fees paid by beverage manufacturers who package products in any type of plastic bottle having a scrap value that is less than the cost of recycling. This fund is the source for paying processing payments to certified recyclers for handling empty plastic beverage containers.

Bimetal Processing Fee Account, Fund 0277 – This fund serves as a depository for bimetal processing fees paid by beverage manufacturers who package products in bimetal cans. This fund is the source for paying processing payments to certified recyclers for handling empty bimetal beverage containers.

Penalty Account, Fund 0276 – This fund serves as a depository for civil penalties and fines. The purpose of this fund is to assist in carrying out the activities specified in the Beverage Container Recycling and Litter Reduction Act as specified in PRC Section 14580(d).

			2019-20 GOVERNOR'S BUDGET			Updated - Forecasted Values	
		FY 2017-18	FY 2018-19	FY 2019-20	FY 2017-18	FY 2018-19	FY 2019-20
BEGINNI	NG BALANCE	\$13,106,000	\$19,097,000	\$24,751,000	\$13,106,000	\$19,097,000	\$24,789,000
Prior Year	r Adjustment	\$158,000			\$158,000		
	Balance, Adjusted	\$13,264,000	\$19,097,000	\$24,751,000	\$13,264,000	\$19,097,000	\$24,789,000
REVENU	ES AND TRANSFERS						
Revenues	3						
125100	Beverage Container Redemption Fees	\$8,188,000	\$8,642,000	\$8,642,000	\$8,188,000	\$9,253,000	\$9,315,000
150300	Income from Surplus Money Investments	\$261,000	\$261,000	\$261,000	\$261,000	\$261,000	\$261,000
150500	Interest Income from Inter-fund loans						
161000	Escheat of Unclaimed Checks, Warrants, Bonds and Coupon	\$42,000	\$0	\$0	\$42,000	\$0	\$0
	Total Revenues	\$8,491,000	\$8,903,000	\$8,903,000	\$8,491,000	\$9,514,000	\$9,576,000
Transfers							
FO0133	From CA Beverage Container Fund (CBCRF), PRC 14581 (a)	\$55,789,000	\$57,445,000	\$54,886,000	\$55,789,000	\$59,185,000	\$58,275,000
FO0133	From CBCRF, 3 Yr Reconciliation Payback	\$7,392,000	\$7,392,000	\$0	\$7,392,000	\$7,392,000	\$0
	Total Transfers From	\$63,181,000	\$64,837,000	\$54,886,000	\$63,181,000	\$66,577,000	\$58,275,000
	Total Revenues and Transfers	\$71,672,000	\$73,740,000	\$63,789,000	\$71,672,000	\$76,091,000	\$67,851,000
	Total Resources	\$84,936,000	\$92,837,000	\$88,540,000	\$84,936,000	\$95,188,000	\$92,640,000
EXPEND	TURES						
	Disbursements:						
	3970 CalRecycle - Local Assistance						
	(3970-601-0269) Processing Payments	\$65,839,000	\$68,086,000	\$68,086,000	\$65,839,000	\$70,399,000	\$69,576,000
	(8880 Financial Information System for CA)	\$0	\$0	-\$10,000	\$0	\$0	-\$10,000
	Total Expenditures	\$65,839,000	\$68,086,000	\$68,076,000	\$65,839,000	\$70,399,000	\$69,566,000
FUND BA	LANCE	\$19,097,000	\$24,751,000	\$20,464,000	\$19,097,000	\$24,789,000	\$23,074,000

* Surplus Money Investment Fund projections adjusted to match past year actuals to give a more accurate calculation.



Table 11: Plastic Processing Fee Fund Condition Statement (Fund 0278)

		2019-20 GOVERNOR'S BUDGET			Updated - Forecasted Values	
	FY 2017-18	FY 2018-19	FY 2019-20	FY 2017-18	FY 2018-19	FY 2019-20
BEGINNING BALANCE	\$17,579,000	\$18,377,000	\$23,299,000	\$17,579,000	\$18,377,000	\$23,675,000
Prior Year Adjustment	\$708,000			\$708,000		
Balance, Adjusted	\$18,287,000	\$18,377,000	\$23,299,000	\$18,287,000	\$18,377,000	\$23,675,000
REVENUES AND TRANSFERS						
Revenues:						
125100 Beverage Container Redemption Fees	\$9,767,000	\$9,428,000	\$8,605,000	\$9,767,000	\$11,585,000	\$12,755,000
150300 Income from Surplus Money Investments	\$265,000	\$265,000	\$265,000	\$265,000	\$265,000	\$265,000
Total Revenues	\$10,032,000	\$9,693,000	\$8,870,000	\$10,032,000	\$11,850,000	\$13,020,000
Transfers:						
FO0133 From CBCRF, PRC 14581 (a)	\$44,192,000	\$41,500,000	\$37,674,000	\$44,192,000	\$51,026,000	\$53,196,000
FO0133 From CBCRF, 3 Yr Reconciliation Payback	\$3,256,000	\$3,256,000	\$0	\$3,256,000	\$3,256,000	\$0
Total Transfers From	\$47,448,000	\$44,756,000	\$37,674,000	\$47,448,000	\$54,282,000	\$53,196,000
Total Revenues and Transfers	\$57,480,000	\$54,449,000	\$46,544,000	\$57,480,000	\$66,132,000	\$66,216,000
Total Resources	\$75,767,000	\$72,826,000	\$69,843,000	\$75,767,000	\$84,509,000	\$89,891,000
EXPENDITURES						
Disbursements:						
3970 CalRecycle - Local Assistance						
(3970-601-0278) Processing Payments	\$57,390,000	\$49,527,000	\$49,527,000	\$57,390,000	\$60,834,000	\$63,377,000
(8880 Financial Information System for CA)	\$0	\$0	-\$6,000	\$0	\$0	-\$6,000
Total Expenditures	\$57,390,000	\$49,527,000	\$49,521,000	\$57,390,000	\$60,834,000	\$63,371,000
FUND BALANCE	\$18,377,000	\$23,299,000	\$20,322,000	\$18,377,000	\$23,675,000	\$26,520,000

* Surplus Money Investment Fund projections are adjusted to match past year actuals to give a more accurate calculation.



Table 12: Bimetal Processing Fee Fund Condition Statement (Fund 0277)

		2019-20 GOVERNOR'S BUDGET		Updated - Forecasted Values			
	FY 2017-18	FY 2018-19	FY 2019-20	FY 2017-18	FY 2018-19	FY 2019-20	
BEGINNING BALANCE	\$20,191,000	\$22,184,000	\$23,669,000	\$20,191,000	\$22,184,000	\$23,556,000	
Prior Year Adjustment	\$63,000			\$63,000			
Balance, Adjusted	\$20,254,000	\$22,184,000	\$23,669,000	\$20,254,000	\$22,184,000	\$23,556,000	
REVENUES AND TRANSFERS							
Revenues:							
125100 Beverage Container Redemption Fees	\$1,901,000	\$1,454,000	\$1,387,000	\$1,901,000	\$1,351,000	\$1,176,000	
150300 Income from Surplus Money Investments	\$275,000	\$275,000	\$275,000	\$275,000	\$275,000	\$275,000 *	
161000 Escheat- Unclaimed checks	\$0	\$0	\$0	\$0	\$0	\$0	
Total Revenues	\$2,176,000	\$1,729,000	\$1,662,000	\$2,176,000	\$1,626,000	\$1,451,000	
Total Revenues and Transfers	\$2,176,000	\$1,729,000	\$1,662,000	\$2,176,000	\$1,626,000	\$1,451,000	
Total Resources	\$22,430,000	\$23,913,000	\$25,331,000	\$22,430,000	\$23,810,000	\$25,007,000	
EXPENDITURES							
Disbursements:							
3970 CalRecycle - Local Assistance							
(3970-601-0277) Processing Payments	\$246,000	\$244,000	\$244,000	\$246,000	\$254,000	\$250,000	
Total Expenditures	\$246,000	\$244,000	\$244,000	\$246,000	\$254,000	\$250,000	
FUND BALANCE	\$22,184,000	\$23,669,000	\$25,087,000	\$22,184,000	\$23,556,000	\$24,757,000	

* Surplus Money Investment Fund projections adjusted to match past year actuals to give a more accurate calculation.

Table 13: Penalty Account Fund Condition Statement (Fund 0276)

	2019-20 GOVERNOR'S BUDGET			Updated - Forecasted Values		
	FY 2017-18	FY 2018-19	FY 2019-20	FY 2017-18	FY 2018-19	FY 2019-20
BEGINNING BALANCE	\$5,441,000	\$5,605,000	\$5,818,000	\$5,441,000	\$5,605,000	\$5,818,000
Prior Year Adjustment	-\$9,000			-\$9,000		
Balance, Adjusted	\$5,432,000	\$5,605,000	\$5,818,000	\$5,432,000	\$5,605,000	\$5,818,000
REVENUES AND TRANSFERS						
Revenues:						
150300 Income from Surplus Money Investments	\$71,000	\$71,000	\$71,000	\$71,000	\$71,000	\$71,000
164300 Penalty Assessments	\$170,000	\$170,000	\$170,000	\$170,000	\$170,000	\$170,000
Total Revenues	\$241,000	\$241,000	\$241,000	\$241,000	\$241,000	\$241,000
Total Revenues and Transfers	\$241,000	\$241,000	\$241,000	\$241,000	\$241,000	\$241,000
Total Resources	\$5,673,000	\$5,846,000	\$6,059,000	\$5,673,000	\$5,846,000	\$6,059,000
EXPENDITURES						
Disbursements:						
8880 Financial Information System for CA (FI\$Cal)	\$2,000	\$0	\$0	\$2,000	\$0	\$0
9900 Statewide General Administrative Expenditures (Pro Rata)	\$33,000	\$22,000	\$0	\$33,000	\$22,000	\$0
9892 Supplemental Pension Payments	\$0	\$6,000	\$15,000	\$0	\$6,000	\$15,000
3970 CalRecycle - State Operations	\$33,000	\$0	\$0	\$33,000	\$0	\$0
Total Expenditures	\$68,000	\$28,000	\$15,000	\$68,000	\$28,000	\$15,000
FUND BALANCE	\$5,605,000	\$5,818,000	\$6,044,000	\$5,605,000	\$5,818,000	\$6,044,000

* Surplus Money Investment Fund projections are adjusted to match past year actuals to give a more accurate calculation.

