

# Bridgewater Bank Regulatory Disclosures December 31, 2015

This document was prepared to fulfill regulatory requirements of the Office of the Superintendent of Financial Institutions Canada. Public disclosure requirements under Basel II Pillar 3, Basel III Pillar 3, OSFI Guideline B-20 and other OSFI guidance are provided. All figures unless stated otherwise are in thousands of dollars.

The information contained in this document has not been audited.

## **Corporate Profile**

Bridgewater Bank (the Bank), a federally regulated institution, is supervised by the Office of the Superintendent of Financial Institutions Canada (OSFI). The Bank is owned by the Alberta Motor Association.

The Bank specializes in residential mortgages and deposit products through a select network of brokers. The Bank serves customers across Canada, with the exception of Quebec. It does not offer Home Equity Lines of Credit (HELOC) loans nor does it operate or offer products or services in foreign jurisdictions.

## **Capital Shares**

#### **Common shares**

Common shares have voting rights. They are considered Common Equity Tier 1 capital for OSFI requirements.

#### Subordinated debt

The Bank has issued subordinated notes which are unsecured and subordinated to all other indebtedness of the Bank. The loan bears interest at 10% and matures July 2023. The subordinated debt automatically converts into common shares if OSFI deems common shares are needed to restore the Bank's viability or if a Canadian government injects capital into the Bank because it is deemed non-viable without the capital injection. The subordinated debt is considered Tier 2 non-viability contingent capital (NVCC) for OSFI requirements.

# **Capital Management**

The Bank manages its capital under guidelines established by OSFI. The regulatory capital guidelines measure capital in relation to credit, market and operational risks. The Bank qualifies to use the standardized approach for the measurement of credit risk and the basic indicator approach for the measurement of operational risk.

The Bank has three main objectives. They are 1) to ensure there is sufficient capital in order to meet regulatory restrictions on its leverage ratio; 2) to allow for asset accumulation to manage cash flow commitments under normal operating environments; and 3) to develop and introduce new products and expand current offerings. The Bank has various capital policies, procedures and controls which it utilizes to achieve these objectives.

The Bank is fully applying the Basel III deductions to calculate the all-in target ratios as per OSFI's Capital Adequacy Guidelines. The following details the Bank's capital position under Basel III capital requirements as of December 31, 2015:

	Modified Capital Disclosure Template	All-in	Transitional
Cor	mmon Equity Tier 1 capital: instruments and reserves		
	Directly issued qualifying common share capital (and		
	equivalent for non-joint stock companies) plus related stock		
1	surplus	108,000	
2	Retained earnings	(32,591)	
	Common Equity Tier 1 capital before regulatory		
6	adjustments	75,409	
Cor	nmon Equity Tier 1 capital: regulatory adjustments		
28	Total regulatory adjustments to Common Equity Tier 1	(10,787)	
29	Common Equity Tier 1 capital (CET1)	64,622	71,094
Add	litional Tier 1 capital: instruments		
	Directly issued qualifying Additional Tier 1 instruments plus		
30	related stock surplus	-	
36	Additional Tier 1 capital before regulatory adjustments	-	
Add	litional Tier 1 capital: regulatory adjustments		
43	Total regulatory adjustments to Additional Tier 1	-	
44	Additional Tier 1 capital (AT1)	-	
45	Tier 1 capital (T1 = CET1 + AT1)	64,622	71,094
Tie	r 2 capital: instruments and provisions		
	Directly issued qualifying Tier 2 instruments plus related stock		
46	surplus	30,000	
51	Tier 2 capital before regulatory adjustments	30,000	
Tie	r 2 capital: regulatory adjustments		
57	Total regulatory adjustments to Tier 2 capital	ı	
58	Tier 2 capital (T2)	30,000	
59	Total capital (TC = T1 + T2)	94,622	101,094
60	Total risk-weighted assets	199,953	206,425
Cap	pital ratios		
	Common Equity Tier 1 (as a percentage of risk-weighted		
61	assets)	32.32%	34.44%
62	Tier 1 (as a percentage of risk-weighted assets)	32.32%	34.44%
63	Total capital (as a percentage of risk-weighted assets)	47.32%	48.97%
OS	FI all-in target		
69	Common Equity Tier 1 capital all-in target ratio	7.00%	
	Tier 1 capital all-in target ratio	8.50%	
71	Total capital all-in target ratio	10.50%	

The Bank is fully applying the Basel III deductions to calculate the leverage ratio as per OSFI's Leverage Requirements Guideline. The following details the Bank's leverage ratio position under Basel III leverage requirements as of December 31, 2015:

	Item	Leverage Ratio Framework
On-	balance sheet exposures	
	On-balance sheet items (excluding derivatives, SFTs and	
1	grandfathered securitization exposures but including collateral)	1,236,317
2	(Asset amounts deducted in determining Basel III "all-in" Tier 1 capital)	(10,787)
	<b>Total on-balance sheet exposures</b> (excluding derivatives and SFTs)	
3	(sum of lines 1 and 2)	1,225,530
Der	ivative exposures	
	Replacement cost associated with all derivative transactions (i.e. net of	
4	eligible cash variation margin)	1,224
5	Add-on amounts for PFE associated with all derivative transactions	-
11	Total derivative exposures (sum of lines 4 to 10)	1,224
Sec	curities financing transaction (SFTs) exposures	
16	Total SFTs exposures (sum of lines 12 to 15)	-
Oth	er off-balance sheet exposures	
17	Off-balance sheet exposure at gross notional amount	11,618
18	(Adjustments for conversion to credit equivalent amounts)	(5,724)
19	Off-balance sheet items (sum of lines 17 and 18)	5,894
Cap	oital and Total Exposures	
20	Tier 1 capital	64,622
21	Total exposures (sum of lines 3, 11, 16 and 19)	1,232,648
Lev	erage ratios	
22	Basel III leverage ratio	5.24%

## **Risk-Weighted Assets**

The following table provides a breakdown of credit risk exposures as of December 31, 2015. Average exposure is calculated by taking the average of the quarterly gross exposures for a 12-month period.

	Gross	Average		Capital
	exposure	exposure	RWA	required
Bank and sovereign	\$ 121,700	\$ 177,594	\$ 22,063	\$ 1,544
Retail residential mortgages	1,113,952	1,229,438	89,171	6,242
Other retail	1,173	24,460	342	24
Other assets	25,664	30,756	25,664	1,796
Total credit risk	1,262,489	1,462,248	137,240	9,606
Operational risk		-	62,713	4,390
Total risk-weighted assets	\$ 1,262,489	\$ 1,462,248	\$ 199,953	\$ 13,996

# **Risk Management**

#### **Credit Risk**

Credit risk is the risk of loss resulting from the failure of a counterparty to honor its financial obligation. The Bank is exposed to credit risk through cash, restricted cash, amounts receivable, restricted investments, loans and derivative financial assets.

Credit risk management is a component of the Risk Management Framework (RMF) approved by the Board and the Audit and Risk Management Committee. The Assets and Liabilities Committee (ALCO) provides financial oversight over credit risk and ensures the Bank meets mortgage insurers' compliance standards. The ALCO reviews arrears and underwriting post assessment reporting, which is also communicated to the Audit and Risk Management Committee. Credit risk management over day to day operations is provided by the Credit Management Committee, including oversight of the geographic concentration. The lines of business are responsible for management of the Bank's credit risks in accordance with approved policies.

The Bank manages credit risk with respect to cash and restricted cash by holding currency with major Canadian banks. Restricted investments are invested in treasury bills, federal bonds and securities guaranteed by the Government of Canada. Securitized mortgages and residential mortgages are insured against credit losses, which reduce the Bank's credit risk, except for a small portion of conventional uninsured mortgages in the total portfolio. Both types of mortgages are residential mortgages. Funded mortgages also comply with the product and underwriting policies of the Bank and the mortgage insurers, and property is held as collateral to mitigate the risk of loss. The Bank maintains provisions for potential credit losses.

The Bank is also exposed to credit risk through contracts with third parties for mortgage insurance and derivatives utilized to manage interest rate risk. This counterparty credit risk is mitigated by contracting with reputable organizations that have investment-grade credit ratings and by utilizing a number of different organizations, where possible, to minimize the impact of the risk of any one counterparty defaulting on its contractual obligations.

In the event of an economic downturn, the Bank is well-positioned to continue mortgage lending, provide security and mitigate increasing risk. Compliance with the Canadian regulatory system ensures that extremely high risk mortgages, such as sub-prime mortgages, are not made available and mortgages that pose a higher risk where the down payment is less than 20% of the mortgage loan are insured against losses. The Bank's mortgage default rate remains low around 3.5%; however, it expects the default rate to increase with the current economic conditions in Canada. As of December 31, 2015, 87.20% of issued mortgages are insured, which reduces the Bank's risk of financial loss. Additionally, the Bank restricts future lending in areas where economic uncertainty increases its exposure to credit loss. The Bank continues to have strong relationships with Canada's principal insurers, CMHC and Genworth Financial.

### a) Impaired and past due loans

The Bank maintains a provision for credit losses which, in management's opinion, is adequate to absorb all losses related to loans that have occurred as a result of one or more loss events, whether detected or not, including accrued interest. The provision for credit losses consists of specific provisions and a collective provision and the methodology and assumptions used for estimating each are reviewed on a regular basis.

There is objective evidence of impairment when one of the following conditions is met:

- the interest or principal repayment is contractually 90 days or more past due, unless the loan is fully secured or in the process of collection, or
- there is reason to believe that a portion of the principal or interest cannot be collected, such as financial difficulties of the borrower or national or local economic conditions that correlate with defaults on the assets in the portfolio.

Specific mortgage provisions are determined on an item-by-item basis when an impaired loan is determined to be individually significant. The specific provision represents the amount required to reduce the carrying value of an impaired loan to its estimated realizable amount, taking into consideration, if applicable, proceeds available from mortgage insurers and collateral held.

The following provides aging information for loans that are past due as of December 31, 2015:

1-29 days
30-59 days
60-89 days
Over 90 days

	Se	curitized	ed Residential					
_	mortgages		m	ortgages	Total			
	\$	12,541	\$	5,770	\$	18,311		
		5,008		4,262		9,270		
		751		1,357		2,108		
		5,209		11,302		16,511		
	\$	23,509	\$	22,691	\$	46,200		

The following details the collective and specific provision for credit losses:

	 Collective		Specific		ı otal	
At December 31, 2014	\$ 2,502	\$	2,279	\$	4,781	
Provision	1,259		1,091		2,350	
Write-offs	 (316)		(1,624)		(1,940)	
At December 31, 2015	\$ 3,445	\$	1,746	\$	5,191	

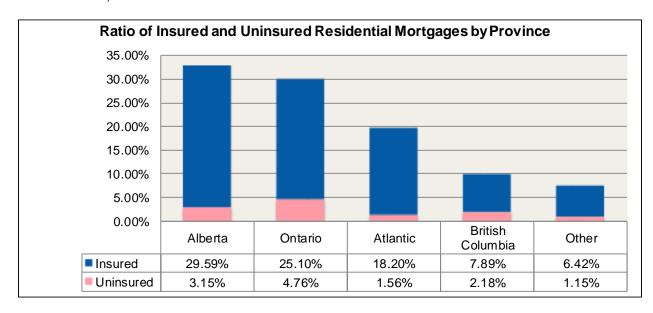
### b) Geographic breakdown

The following table provides a breakdown of loan balances as of December 31, 2015:

	Se	curitized	Residential				% of
	mo	ortgages	mortgages		Total		portfolio
Alberta	\$	258,955	\$	105,425	\$	364,380	32.74%
Ontario		231,992	1,992 100,427 332,4		332,419	29.86%	
Atlantic provinces		155,535		64,387 219,922		219,922	19.76%
British Columbia		67,159		44,872 112,031		112,031	10.07%
Other		50,178		34,041	1 84,219		7.57%
	\$	763,819	\$	349,152	\$	1,112,971	100.00%
As a % of portfolio	68.63%			31.37%	<sup>6</sup> 100.00%		

## c) Insured and uninsured portfolio

The Bank's total mortgage portfolio is represented by 87.20% or \$ 970 million in insured mortgages and 12.80% or \$142 million in uninsured mortgages. Insured or high-ratio mortgages are mortgages with less than 20% down payment on the lesser value of either the purchase price of a home or the appraised value. Below that threshold the Bank Act requires that mortgage default insurance must be obtained for a fee by a mortgage loan insurance provider. Uninsured or conventional mortgages are mortgage loans that do not exceed 80% of the lesser value of either the purchase price of a home or the appraised value. The following chart provides a breakdown of the mortgage portfolio by province by insured and uninsured as of December 31, 2015:



## d) Uninsured loan origination

The average loan-to-value (LTV) of uninsured mortgages originated during the quarter ended December 31, 2015 was 70.79%. The following chart provides a breakdown on the average LTV by province of loans originated in the quarter ended December 31, 2015:

Province	Average LTV
Alberta	71.39%
British Columbia	66.60%
Ontario	72.62%
Other	68.68%

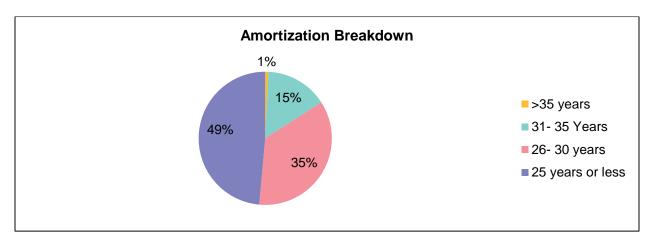
### e) Loan maturities

The following table provides a breakdown of loan maturities as of December 31, 2015:

	Within 1	Over 1 to 3 Over 3 to 5		Over 5	Carrying	
	year	years	years	years	value	
Securitized mortgages	\$ 397,848	\$ 319,684	\$ 46,287	\$ -	\$ 763,819	
Residential mortgages	135,516	138,459	69,717	5,460	349,152	
Total	\$ 533,364	\$ 458,143	\$ 116,004	\$ 5,460	\$1,112,971	

### Loan amortization

The following chart provides a breakdown of mortgages outstanding based on original amortization as of December 31, 2015:



#### **Interest Rate Risk**

Interest rate risk is the risk of loss from future changes in the prevailing level of interest rates. The Bank is exposed to interest rate risk as a result of a difference, or gap, between the maturity or repricing date of interest rate-sensitive assets and liabilities, as well as on unsold mortgage commitments. It uses two interest rate risk sensitivity models to measure the impact of changing interest rates on its equity position and net interest income for the 12 months following the measurement date. The objective is to measure the interest rate risk within quidelines.

Management incorporates expectations of future events where the maturity or repricing dates differ from contractual dates. Some contractual obligations, such as mortgages will be terminated prior to their maturity date through prepayments. The Bank incorporates these assumptions in the management of interest rate risk exposure.

The Bank's RMF includes interest rate risk management policies that are approved by the Board and the ALCO. The ALCO establishes and recommends to the Board interest rate risk tolerances, which the Board approves. The ALCO oversees stress testing of interest rate risk and the monitoring of risk mitigation strategies. The finance department is responsible for managing the Bank's interest rate risk positions in accordance with approved policies and assesses the impact of market events on the Bank's net interest income and equity at risk on an ongoing basis.

Based on the Bank's interest rate positions at December 31, 2015, an immediate and sustained change in interest rates would impact equity over the next 12 months, as follows:

Increase of 100 basis points	\$ (3,177)
Decrease of 100 basis points	\$ 2,915

The Bank uses economic hedges to manage its interest rate risk, including synthetic bond shorts and interest rate swaps. The following table summarizes the synthetic bond shorts, the interest rate swap portfolio and the related credit risk at December 31, 2015. Notional amounts represent the amount to which a rate or price is applied in order to calculate the exchange of cash flows. Current replacement cost represents the cost of replacing all positive fair value contracts using current market rates. The credit risk equivalent represents the current replacement cost and the potential future credit exposure if the counterparty defaults. Potential future credit exposure is determined based on a formula prescribed by OSFI.

	Current					
	N	lotional	replacement		t Credit risk	
	amount		cost		equivalent	
Within 1 year	\$	324,175	\$	974	\$	974
Over 1 to 5 years		50,000		-		250
	\$	374,175	\$	974	\$	1,224

The risk-weighted balance for these derivative instruments, which represents the credit risk equivalent weighted according to the credit worthiness of the counterparty as prescribed by OSFI is \$1.

Cash deposits and restricted investments of \$9,430 are maintained with the counterparties as collateral based on the amount and position of securities outstanding. These amounts are restricted and not available for general use. The counterparties to the various derivatives can request additional collateral if the Bank increases its positions or if unrealized losses exceed agreed upon limits.

## **Liquidity Risk**

Liquidity risk is the risk that cash demands or funding obligations cannot be met as they come due. Liquidity risk also includes the risk of not being able to liquidate assets in a timely manner at a reasonable price. The Bank is exposed to liquidity risk due to the mismatching of the duration of assets, particularly the maturity of mortgages, and liabilities, particularly term deposits. The Bank is also exposed to liquidity risk to the extent that the Bank's unfunded mortgage, repurchase commitments outstanding and trade obligations committed but not yet paid exceed available cash or ability to raise deposits.

The Bank's RMF includes liquidity and funding policies that are approved by the Board and the ALCO. The ALCO establishes and recommends to the Board liquidity risk tolerances, which the Board approves. The Bank's policies address the minimum level of liquid assets, the composition of liquid assets, the stress tests to be completed and the frequency of assessments. The ALCO reviews the composition and terms of assets and liabilities, reviews liquidity and funding policies and regularly monitors compliance with these policies. The ALCO also oversees stress testing of liquidity and funding risk and the monitoring of the Bank's contingency funding plan. The finance department is responsible for managing the Bank's liquidity and funding positions in accordance with approved policies and assesses the impact of market events on liquidity requirements on an ongoing basis.

The Bank evaluates total liquid assets against funding requirements and stress test scenarios to ensure liquid assets are available to cover current needs and during periods of market stress. Quarterly, standard stress tests are performed in addition to scenarios dependent upon the risks existing at the time testing is performed. The results are reported to the ALCO and the Board. The Bank's liquid assets are made up of cash with large institutions, and unencumbered, high credit quality assets. The Bank's liquidity coverage is 33.47, which is within Board policy limits.

Liquidity is managed by selling or securitizing funded mortgages to investors and via the management of the amount and term of outstanding deposits. The Bank monitors its exposure to funding sources and sets limits to reduce the Bank's reliance on any one funding source. Investors include whole loan investors, mortgage-backed securities (MBS) investors and the Canadian Housing Trust (CHT) through the Canada Mortgage Bond program. As the Bank is not rated by a recognized credit agency, a rated intermediary is required to act on its behalf in dealings with the CHT. The Bank continues to maintain liquidity through issuing MBS, selling to whole loan investors, and raising deposits through deposit brokers. Although the Bank has deposits maturing within one year, liquidity is expected to be maintained through continued mortgage sales or securitizations, renewal of a portion of these deposits and raising new deposits.

The finance department prepares weekly three-month cash requirements forecasts (including lending commitments, mortgage sales and securitizations and deposits issuances and maturities) that are updated and monitored daily with regular review by the ALCO.

The Bank also manages its liquidity to comply with OSFI's Liquidity Adequacy Requirements (LAR) implemented in January 2015. The LAR introduced liquidity measures, the liquidity coverage ratio (LCR) and the net cumulative cash flow (NCCF). The LCR is an OSFI mandated

liquidity measure that requires the Bank to maintain a sufficient stock of high-quality liquid assets to cover a minimum of 30 days of net cash outflows in a stressed environment. The OSFI-designed NCCF measures funding mismatches over and up to a 12-month time horizon.

## Remuneration

Key management personnel include executive management and board directors as these groups have the authority and responsibility for planning, directing and controlling the activities of the Bank. The Bank's compensation costs are:

	Year ended 12/31/2015			Year ended 12/31/2014		
Salaries	\$	1,041	\$	1,033		
Short-term employee benefits		24		22		
Post-employment benefits		81		94		
	\$	1,146	\$	1,149		

Variable compensation is negligible and is not based on performance objectives. Variable compensation to executive management is equivalent to the variable compensation offered to all staff. Board directors receive no other compensation apart from board of director fees.