

Annual Report Of Registry Operations For 2024
Emissions Trading Regulation, Section 15 (Alberta Regulation 33 /2006)
Environmental Protection and Enhancement Act (EPEA)

Table 1: Annual Report of Registry Operations in Calendar Year 2024

In respect of the preceding year: (a) the number of emission credits issued;	0 NO _x credits and 0 of SO ₂ credits. See Appendix A's Table A1 for serial numbers.
(b) the number of emission credits that have been used for compliance purposes, retired, cancelled or otherwise extinguished;	770 NO _x and 0 SO ₂ credits were retired to 2023 retirement accounts. See Appendix C's Attachment 1 for serial numbers.
(c) the number of emission credits discounted and what that discount represents;	<p>The total number of active credits in the Registry that are subject to discount at of the end of 2024 (January 1, 2025) included all credits with a vintage of 2022 or earlier and that number is 90,551 NO_x credits and 55,424 SO₂ credits. These credits are discounted by 10%.</p> <p>The 10% discount represents 9,055 tonnes of NO_x and 5,542 tonnes of SO₂.</p>
(d) the number of transactions recorded by the registry;	There were no inter-firm transactions in 2024.
(e) the aggregate balance of emission credits recorded by the registry;	94,507 NO _x credits and 55,809 SO ₂ credits (balance as of January 1, 2024).
(f) the aggregate mass balance of emission credits after discounting;	On January 1, 2024, 85,452 tonnes of NO _x and 50,267 tonnes of SO ₂ .

Approved June 4, 2025.

Robert Hamaliuk
Executive Director, Air and Climate Policy
Emissions Trading Regulation's Section 1(1)(n) Director
Alberta Environment and Protected Areas

Appendix A: Credits Issued in 2024 and Their Serial Numbers

Table A1: Credits Serial Numbers Issued In 2024

EPEA approval holders submitted credit applications to Alberta Environment and Protected Areas in 2023. As of December 31, 2024, the Director was reviewing the 2023 applications.

Appendix B: Registry Errata

Table B.1: Credits Created in Error. All errors from 2006 to 2024

Emissions Trading Registry: ERRATA for credits created in error.

Emissions Trading Regulation (Alberta Regulation 33/2006)

As of June 11, 2019

No Change As of June 17, 2024

Start Serial Number	End Serial Number	Total	EPEA	Erroneously created by Alberta Environment to credit of this unit.	Year the error occurred.	Erroneously created credits retired to this account: "Alberta Environment – Retire" for year:
N2010-006131	N2010-006279	-149	9830	Sundance 3	2013	2013
N2006-000108	N2006-000112	-5	1512	Battle River 3	2010	2010
N2007-000047	N2007-000084	-38	1512	Battle River 3	2010	2010
N2008-000407	N2008-000526	-120	138365	Calgary Energy Centre	2010	2010
S2006-000001	S2006-000002	-2	1512	Battle 3	2010	2010
S2007-000001	S2007-000011	-11	1512	Battle 3	2010	2010
S2015-000001	S2015-000963	-963	773	Genesee 2	2017	2017
NS015-004410	N2015-004506	-97	9830	Sundance 4	2017	2017
S2015-003257	S2015-003407	-151	773	Genesee 3	2017	2017
N2015-007904w	N2015-007941w	-38	73899	Muskeg 2	2018	2018

**Table B.2:
Credits Retired For Correct Unit's Obligation But Wrong Compliance Year - All errors from 2006 to 2024**

Emissions Trading Registry: ERRATA for credits retired for compliance purposes.

Emissions Trading Regulation (Alberta Regulation 33/2006)

As of 2024 June 17

Start of Credit Series	End of Credit Series	Number of Credits	Incorrect Retirement Year In Registry	Correct Retirement Year	In This Unit's Retirement Account
N2012-004109	N2012-004289	181	2013	2014	ATCO - 001512 Battle River - 3
N2013-002919	N2013-002956	38	2013	2014	ATCO - 001512 Battle River - 3
S2006-000003	S2006-000181	179	2007	2014	ATCO - 001512 Battle River - 3
S2006-000363	S2006-000999	637	2007	2014	ATCO - 001512 Battle River - 3
S2006-001000	S2006-001349	350	2007	2014	ATCO - 001512 Battle River - 3
S2007-000303	S2007-000999	697	2013	2014	ATCO - 001512 Battle River - 3
S2007-001000	S2007-001999	1000	2013	2014	ATCO - 001512 Battle River - 3
S2007-002000	S2007-002156	157	2013	2014	ATCO - 001512 Battle River - 3
S2008-002465	S2008-002704	240	2013	2014	ATCO - 001512 Battle River - 3
S2012-001582	S2012-002001	420	2013	2014	ATCO - 001512 Battle River - 3
S2010-000001	S2010-000027	27	2016	2017	ATCO - 001512 Battle River - 4
N2018-000684	N2018-000699	16	2021	2022	TransAlta – 009830 Sundance - 4

Start of Credit Series	End of Credit Series	Number of Credits	Retirement Year	Nominally Retired <u>To</u> Credit of This Unit	Correct Unit
s2006-005119	s2006-5129	11	2018	ATCO - 001512 Battle River - 3	ATCO - 001512 Battle River - 4

Appendix C: Provisional Compliance Report Issued In 2024

A 2023 Provisional Compliance Report was not issued in 2024. ALPAC retired the credits in Table C.1 for compliance against 2023 obligations.

Table C.1: Credits Used For Compliance Purposes

Transaction ID	Data Received	Logged	Trans- action Par	Of this number of par	Substan	Type	Requested By	From Account	From Account Type	To Account	To Account Type	Registry Error or Note	First Credit	Last Credit	Total
2024-RN001	2024-03-14	Dobson	1	1	nox	discounted	ALPAC	111 unit 3	Holder	111 unit 3	Retiring 2023	none	n2017-000002	n2017-000047	46
2024-RN002	2024-03-14	Dobson	1	1	nox	discounted	ALPAC	111 unit 3	Holder	111 unit 3	Retiring 2023	none	n2017-000048	n2017-000052	5

Heartland in regard of Battle River’s units retired 719 credits however the units are coal to gas conversions. Heartland did not submit a Section 55(2) compliance report.

Appendix D: Requirements for the Annual Report of Registry Operations

Excerpt from Emissions Trading Regulation (AR 33 / 2006)

Annual report of registry operations

15 The registry operator must, on or before June 30 of each year, or any other date specified by the Minister, prepare and publish a report containing at least the following information in respect of the preceding year:

- (a) the number of emission credits issued;
- (b) the number of emission credits that have been used for compliance purposes, retired, cancelled or otherwise extinguished;
- (c) the number of emission credits discounted and what that discount represents;
- (d) the number of transactions recorded by the registry;
- (e) the aggregate balance of emission credits recorded in the registry.