

# Performance Summary

	UNITS	2016	2017	2018	2019
<b>Production, annual average</b>	<b>Boe/d</b>	<b>24,638</b>	<b>29,783</b>	<b>40,353</b>	<b>50,803</b>
<b>ENVIRONMENT</b>					
Consumption intensity	GJ/Boe	NPT	NPT	0.24	0.25
Fresh water withdrawal <sup>1</sup>	m <sup>3</sup>	344,756	884,210	762,368	708,857
Non-potable water withdrawal	m <sup>3</sup>	14,689	98,476	41,805	24,630
Fresh water intensity	m <sup>3</sup> /Boe	0.038	0.081	0.052	0.038
Fresh water use as percentage of total water use	%	95.9	90	94.8	96.6
Total active operated wells		190	196	289	253
Total inactive operated wells		460	393	400	447
Total abandoned wells (cumulative)		379	420	509	513
Annual well abandonments (cut and capped)		61	79	93	15
Total wells in active reclamation		370	345	362	363
Area of wellsites in active reclamation	ha	714	614	670	668
Annual reclamation certificates received		35	22	39	38
Areas of wells for annual reclamation certificates received	ha	63.6	41.3	71	63
Number of reportable spills <sup>2</sup>		2	9	4	3
Total volume of reportable spills <sup>2</sup>	m <sup>3</sup>	0.7	93.6	16.6	511
Average reportable spill volume	m <sup>3</sup> /spill	0.4	10.4	4.2	170
Number of reportable spills/production	MMBoe	0.2	0.8	0.3	0.16
Volume of reportable spills/production	m <sup>3</sup> /MMBoe	0.1	8.6	1.1	27.6
Number of pipeline leaks/1000 km pipeline		0	0	0	1.03
Volume (m <sup>3</sup> ) pipeline leaks/1000 km pipeline		0	0	0	516
Number of fines and penalties		0	0	0	0
<b>Air and GHG Emissions<sup>8</sup></b>					
Scope 1 GHG emissions	tonnes CO <sub>2</sub> e	175,359	205,964	281,590	326,329
Scope 1 GHG emissions intensity <sup>3</sup>	tonnes CO <sub>2</sub> e/Boe	0.0195	0.0189	0.0191	0.0176
Scope 2 GHG emissions	tonnes CO <sub>2</sub> e	6,144	6,746	32,218	102,758
Scope 1 + 2 GHG emissions intensity <sup>4</sup>	tonnes CO <sub>2</sub> e/Boe	0.0202	0.0196	0.0213	0.0231
Scope 3 GHG emissions <sup>7</sup>	tonnes CO <sub>2</sub> e	NPT	228,451	242,918	277,130
Scope 1 + 2 + 3 GHG emissions intensity	tonnes CO <sub>2</sub> e/Boe	NPT	0.0440	0.0410	0.0420
NOx emissions	tonnes	220	264	811	996
NOx emissions intensity	tonnes NOx/Boe	0.00002	0.00002	0.00006	0.00005
SOx emissions	tonnes	196	185	744	1,190
SOx emissions intensity	tonnes SOx/Boe	0.00002	0.00002	0.00005	0.00006
Total gas flared (10 <sup>3</sup> m <sup>3</sup> )	10 <sup>3</sup> m <sup>3</sup>	4,644	6,079	7,992	9,519
Total gas flared emission intensity (10 <sup>3</sup> m <sup>3</sup> /Boe)	10 <sup>3</sup> m <sup>3</sup> /Boe	0.00052	0.00056	0.00054	0.00051
Total methane vented (t)	tonnes CH <sub>4</sub>	863	888	1103	1,052
Total gas vented emission intensity (t/Boe)	t/Boe	0.000096	0.000082	0.000075	0.000050
<b>HEALTH AND SAFETY</b>					
Lost-time injury frequency (employees and contractors)		0.619	0.169	0.077	0
Recordable injury frequency (employees and contractors) per 200,000 man hours		1.11	1.02	0.62	0.43
Fatalities (employees and contractors) <sup>5</sup>		1	0	0	0
<b>SOCIAL</b>					
<b>Our People</b>					
Headquarter (Calgary) personnel		NPT	NPT	69	70
Grande Prairie personnel		NPT	NPT	10	13
Field personnel		NPT	NPT	6	5
Total number of employees <sup>6</sup>		70	78	85	88
Exposure hours (employees and contractors)		1,454,090	2,364,975	2,591,483	2,764,433
Voluntary turnover		NPT	NPT	10%	8%
Total spending on training	CAD \$	128,733	91,300	73,042	117,477
<b>DIVERSITY</b>					
Women in workforce		NPT	NPT	21	25
Female supervisory/professional positions		NPT	NPT	10	10
Female management & executive team		NPT	NPT	1	1
Female Board of Directors		1	1	1	1
<b>COMMUNITY INVESTMENT</b>					
Total spend	CAD	NPT	NPT	380,000	306,790

<sup>1</sup> Freshwater withdrawals are within licensed withdrawal limits. We constantly seek recycled, saline, or deep non-potable freshwater in preference to fresh potable water wherever possible.

<sup>2</sup> Spills outside of secondary containment reported to regulatory agencies as per jurisdictional requirements.

<sup>3</sup> Direct emissions (combustion, flaring, formation CO<sub>2</sub>, venting, and fugitive leaks from equipment) under operational control.

<sup>4</sup> Total direct plus indirect emissions (from purchased power).

<sup>5</sup> Very sadly, in 2016 a contract worker lost his life while unloading an empty 400 bbl. tank on a NuVista worksite. A full investigation was completed in cooperation with authorities to seek ways to prevent a recurrence.

<sup>6</sup> Year-end full time and part-time employees count are included in this metric (Calgary and field employees combined). Contractor and temporary employees are not included in the employee count.

<sup>7</sup> An estimate of major sources of scope three emissions including most CAPEX activities (drilling, completions, abandonments) as well as third party midstream processing. Does not include transmission, retail and end-use.

<sup>8</sup> We updated our methodology for estimating GHG emissions for the 2019 reporting year. Prior years have been re-stated. Details provided in NuVista's 2019 submission to Carbon Disclosure Project.

NPT= Not Previously Tracked.