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2022

Plains  
**Performance  
Data**

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NASDAQ  
PAA & PAGP

# Disclosure Chart

Our data disclosure charts are intended to supply relevant information that helps convey our approach to sustainability. We support efforts to consolidate reporting frameworks. In certain cases, multiple reporting frameworks call for disclosure of similar metrics calculated according to divergent methodologies. In those cases, we have elected to disclose in accordance with one methodology but have mapped to the corresponding metric. Please refer to the definitions provided in the Energy Infrastructure Council (EIC) and Sustainability Accounting Standards Board (SASB) frameworks, as well as our footnotes, to better understand these metrics. In addition to the disclosure chart, we have also provided indexes for SASB, Task Force for Climate-related Financial Disclosures (TCFD) and Global Reporting Initiative (GRI) frameworks. We welcome feedback on this approach and are committed to continuing to refine our reporting to meet our stakeholders' needs.

Unless otherwise indicated, data is reported on an operational basis. Data for certain metrics include estimates that are based on commonly accepted standards and/or industry best practices. Our sustainability data is collected and verified by subject matter experts across the company. Our Financial Reporting and Internal Audit teams participate in the collection, review and validation process, which is further reviewed by senior-level management.

Operational & Financial	2022	2021	2020	EIC	SASB
Gross Throughput (B BOE) <sup>1</sup>	<b>4.7</b>	3.7	3.9	EIC 1.2	
Total Metric Ton-Kilometers of Crude Oil, Highly Volatile Liquids, and Refined Petroleum Products Transported by Pipeline (T mt-km)	<b>11.3</b>	9.3	8.4		EM-MD-000.A
Total Metric Ton-Kilometers of Crude Oil Transported by Truck (B mt-km) <sup>2</sup>	<b>0.9</b>	0.9	1.1		EM-MD-000.A
Gross Adjusted EBITDA (\$mm) <sup>3</sup>	<b>\$2,875</b>	\$2,290	\$2,560	EIC 1.1	
Property Taxes Paid - U.S. (\$mm) <sup>4</sup>	<b>\$125</b>	\$129	\$133		
Property Taxes Paid - Canada (\$mm) <sup>4</sup>	<b>\$19</b>	\$19	\$18		
Total Miles of Pipeline (Operated and Non-operated) <sup>5</sup>	<b>19,865</b>	20,085	18,700		
Miles of Pipeline Operated <sup>6</sup>	<b>16,347</b>	16,380	15,164	EIC 1.3	
Crude Oil and NGL Storage Capacity (mmb)	<b>139</b>	140	138		
NGL Fractionation/Condensate Processing Capacity (mb/d)	<b>&gt;300</b>	>320	>340		
Natural Gas Processing Capacity (Bcf/d)	<b>6.4</b>	5.7	6.3		

Emissions <sup>7</sup>	2022	2021	2020	EIC	SASB
Total GHG Emissions (Scope 1 + Scope 2) - Total (mt CO <sub>2</sub> e)	<b>1,984,000</b>	1,782,000	1,929,000	EIC 2.4	
Scope 1 GHG Emissions - Total (mt CO <sub>2</sub> e)	<b>785,000</b>	805,000	831,000	EIC 2.4.1	EM-MD-110a.1
Scope 1 CO <sub>2</sub> Emissions - Total (mt)	<b>770,000</b>	779,000	809,000	EIC 2.4.1.1	
Scope 1 Methane Emissions - Total (mt CO <sub>2</sub> e)	<b>11,000</b>	22,000	19,000		
Gross Global Scope 1 Emissions Percentage Methane	<b>1.44%</b>	2.77%	2.26%	EIC 2.4.1.4	EM-MD-110a.1
Gross Global Scope 1 Emissions Percentage Covered Under Emissions-limiting Regulations	<b>67%</b>	69%	66%		EM-MD-110a.1
Scope 1 GHG Emissions - EPA Reported (mt CO <sub>2</sub> e)	<b>34,000</b>	75,000	122,000	EIC 2.4.2	
Scope 1 CO <sub>2</sub> Emissions - EPA Reported (mt)	<b>31,000</b>	62,000	113,000	EIC 2.4.2.1	
Scope 1 Methane Emissions - EPA Reported (mt CO <sub>2</sub> e)	<b>3,000</b>	12,000	9,000		
Scope 2 GHG Emissions - Total (mt CO <sub>2</sub> e) <sup>8</sup>	<b>1,199,000</b>	976,000	1,098,000	EIC 2.4.3	
Total GHG Emissions (Scope 1 + Scope 2) Intensity per Thousand BOE- Total (mt CO <sub>2</sub> e/Thousand BOE) <sup>1,9</sup>	<b>0.43</b>	0.49	0.50	EIC 2.5	
Total Methane Emissions (Scope 1) Intensity per Thousand BOE - Total (mt CO <sub>2</sub> e/Thousand BOE) <sup>1,9</sup>	<b>0.002</b>	0.006	0.005		
Total GHG Emissions (Scope 1 + Scope 2) Intensity per \$mm Gross Adjusted EBITDA - Total (mt CO <sub>2</sub> e/\$mm) <sup>3,10</sup>	<b>690</b>	778	753		
Air Emissions of NOx (mt) <sup>11,12</sup>	<b>850</b>	925	1,040	EIC 2.9	EM-MD-120a.1
Air Emissions of SOx (mt) <sup>11</sup>	<b>75</b>	60	110	EIC 2.10	EM-MD-120a.1

# Disclosure Chart

Environmental	2022	2021	2020	EIC	SASB
Barrels of Petroleum Liquids Transported (B bbls)	3.2	2.7	2.6		
Percentage of Barrels Safely Delivered	>99.999%	>99.999%	>99.999%		
Number of Federally Reportable Releases <sup>13</sup>	11	22	17		
Volume of Federally Reportable Releases (bbls)	2,246	1,765	1,529		
Percentage of Volume of Federally Reportable Releases Recovered	88%	94%	78%		
Number of Releases Impacting People or the Environment (IPE)	5	1	2		
Volume of Releases Impacting People or the Environment (IPE) (bbls)	1,871	593	786		
Percentage of Volume of Releases Impacting People or the Environment (IPE) Recovered	85%	82%	92%		
Hydrocarbon Liquid Releases Intensity per Mile of Pipeline (BOE/mi) <sup>14</sup>	0.09	0.07	0.06		
Third-party Line Strike Resulting in a Release	1	0	1		
Percentage of Hazardous Liquid Pipelines Inspected <sup>15</sup>	26%	21%	29%		EM-MD-540a.2
Percentage of Natural Gas Pipelines Inspected <sup>15</sup>	11%	17%	18%		EM-MD-540a.2
Percentage of Energy Purchased From the Grid that is Renewable <sup>16</sup>	21%	21%	18%		
Does the Company Participate in Any Efforts to Expand the Share of Alternative/Renewable Energy Sources in the Company's Portfolio?	Yes	Yes	No	EIC 2.15	
Does the Company Have a Biodiversity Policy or Commitment for New and Existing Assets?	Yes	Yes	Yes	EIC 2.16	

Safety & Security	2022	2021	2020	EIC	SASB
Employee Total Recordable Incident Rate (TRIR) <sup>17</sup> (per 200,000 work hours)	0.31	0.39	0.38	EIC 3.1	
Contractor TRIR for Major Growth Projects <sup>18</sup> (per 200,000 work hours)	0.00	0.44	0.15	EIC 3.2	
Employee Lost Time Incident Rate (LTIR) (per 200,000 work hours)	0.10	0.08	0.11	EIC 3.5	
Contractor LTIR for Major Growth Projects (per 200,000 work hours)	0.00	0.22	0.04	EIC 3.6	
Employee Days Away, Restricted or Transferred (DART) (per 200,000 work hours)	0.23	0.27	0.25	EIC 3.3	
Contractor DART for Major Growth Projects (per 200,000 work hours)	0.00	0.33	0.09	EIC 3.4	
Employee Fatalities	0	0	0	EIC 3.7	
Contractor Fatalities	0	0	0	EIC 3.8	
Employee Motor Vehicle Incident Rate <sup>19</sup> (per 1 million miles)	0.66	0.72	0.81		
Does the Company Have an Indigenous Engagement Policy or Commitment for New and Existing Assets?	Yes	Yes	Yes	EIC 3.9	
Does the Company Undertake Any of the Following to Manage Cybersecurity Risk?					
Mandatory Employee Training	Yes	Yes	Yes	EIC 4.18.1	
Adherence to Industry Cybersecurity Standards	Yes	Yes	Yes	EIC 4.18.2	
Ongoing Evaluation of the Threat Landscape	Yes	Yes	Yes	EIC 4.18.3	

Competitive Behavior	2022	2021	2020	EIC	SASB
Total Amount of Monetary Losses as a Result of Legal Proceedings Associated with Federal Pipeline and Storage Regulations <sup>20</sup>	\$0	\$0	\$0		EM-MD-520a.1

# Disclosure Chart

<b>Employees <sup>21</sup></b>	<b>2022</b>	<b>2021</b>	<b>2020</b>	<b>EIC</b>	<b>SASB</b>
Employees Located in the United States (approximate)	<b>2,900</b> <b>(25 states)</b>	2,900 (23 states)	3,200 (29 states)		
Employees Located in Canada (approximate)	<b>1,200</b> <b>(4 provinces)</b>	1,200 (4 provinces)	1,200 (4 provinces)		
Percentage of Field Employees	<b>69%</b>	69%	68%		
Number of Employees Hired	<b>747</b>	323	244		
Voluntary Employee Turnover Rate	<b>13%</b>	11%	8%		
Voluntary Employee Turnover Rate Excluding Truck Drivers	<b>11%</b>	9%	7%		
Percentage of Employees who are Female	<b>21%</b>	21%	21%	EIC 3.10	
Percentage of Management Roles Filled by Females <sup>22</sup>	<b>22%</b>	21%	23%		
Percentage of Corporate Officer Roles Filled by Females <sup>23</sup>	<b>11%</b>	10%	12%	EIC 4.2	
Percentage of Employees in the United States who are Minorities <sup>24</sup>	<b>34%</b>	31%	31%	EIC 3.11	
Percentage of Corporate Officer Roles in the United States Filled by Minorities <sup>23,24</sup>	<b>7%</b>	7%	4%	EIC 4.4	

<b>Stakeholder Engagement</b>	<b>2022</b>	<b>2021</b>	<b>2020</b>	<b>EIC</b>	<b>SASB</b>
Dollars Invested in Local Communities Via Employee and Corporate Contributions (\$mm) <sup>25</sup>	<b>\$3.5</b>	\$3.1	—		
Number of Hours Employees Volunteered in Local Communities <sup>25</sup>	<b>4,314</b>	1,289	—		
PAA PAC Disbursements	<b>\$156,250</b>	\$82,500	\$165,550		
Does the Company Have a Code of Conduct for Suppliers?	<b>Yes</b>	Yes	No	EIC 4.17	

<b>Board <sup>26</sup></b>	<b>2022</b>	<b>2021</b>	<b>2020</b>	<b>EIC</b>	<b>SASB</b>
Number of Board Members	<b>12</b>	11	11		
Number / Percentage of Independent Directors <sup>27</sup>	<b>9 / 75%</b>	8 / 73%	7 / 64%		
Percentage of Directors Subject to Public Election <sup>28</sup>	<b>100%</b>	100%	64%		
Number / Percentage of Female Directors	<b>2 / 17%</b>	1 / 9%	1 / 9%	EIC 4.1	
Number / Percentage of Minority Directors <sup>29</sup>	<b>1 / 8%</b>	1 / 9%	1 / 9%	EIC 4.3	
Is Any Director Under the Age of 50?	<b>No</b>	No	No	EIC 4.5	
Average Tenure of Independent Directors (years)	<b>9</b>	9	9		
Average Board Meeting Attendance During the Year	<b>98%</b>	99%	100%		
Number of Directors Receiving Less Than 80% Votes Cast in Favor When Running Unopposed	<b>0</b>	0	0		

# Disclosure Chart

Compensation	2022	2021	2020	EIC	SASB
Percentage of Equity Owned by Directors and Executive Officers <sup>30</sup>	<b>10%</b>	11%	13%		
Did any Executive Officers or Directors Make Share Purchases with Personal Funds?	<b>Yes</b>	No	Yes		
Percentage of CEO Target Compensation "At Risk" for Fiscal Year <sup>31</sup>	<b>89%</b>	88%	88%		
Percentage of CEO Target Compensation that is Performance-based <sup>32</sup>	<b>58%</b>	59%	59%	EIC 4.10	
Percentage of CEO Target Compensation that is Equity-based <sup>33</sup>	<b>63%</b>	59%	59%	EIC 4.11	
Average Percentage of All Named Executive Officer (NEO), Other than CEO, Target Compensation "At Risk" for Fiscal Year <sup>34</sup>	<b>82%</b>	83%	83%		
Are There Any Shareholder Return Metrics in Any NEO Equity Compensation Plan?	<b>Yes</b>	Yes	Yes	EIC 4.12	
Is ≥ 10% of NEO Short-term Incentive (STI) or Long-term Incentive (LTI) Compensation Linked to Environmental or Social Metrics?	<b>Yes</b>	Yes	Yes	EIC 4.13	
Did the Company Receive <70% Support for Say On Pay?	<b>No</b>	No	No		
Has the Company Adopted a Clawback Policy?	<b>Yes</b>	Yes	Yes		
Has the Company Adopted Equity Ownership Guidelines?	<b>Yes</b>	Yes	Yes		
CEO-to-Median Employee Compensation Ratio	<b>66 to 1</b>	36 to 1	39 to 1		
Does the Company Tie Any Amount of Pay for All Employees to ESG Objectives?	<b>Yes</b>	Yes	Yes	EIC 4.14	

Governance	2022	2021	2020	EIC	SASB
Unified Board of Directors <sup>35</sup>	<b>Yes</b>	Yes	Yes		
Annual Meetings for the Public Election of Directors <sup>28</sup>	<b>Yes</b>	Yes	Yes		
Lead Independent Director	<b>Yes</b>	Yes	Yes		
Does the Company Have Incentive Distribution Rights? <sup>36</sup>	<b>No</b>	No	No		
Does the Company Have a "Golden Share"? <sup>37</sup>	<b>No</b>	No	No		
Does the Company Publish an Annual Proxy Statement?	<b>Yes</b>	Yes	Yes	EIC 4.19	
Which of These Data Sets are Collected and Shared with the Board?					
Voluntary Employee Turnover Company-wide, and by at Least One Additional Level (e.g. business unit, location, or division)	<b>Yes</b>	Yes	Yes	EIC 4.16.1	
Percentage of Employees who Participate in Company- Sponsored Matching Gift Programs and/or Volunteer for Corporate- Sponsored Charitable Events	<b>Yes</b>	Yes	No	EIC 4.16.2	
Gender Pay Ratio	<b>No</b>	No	No	EIC 4.16.3	
Underlying Data from an Employee Satisfaction Survey that is Anonymous and at Least Annual	<b>No</b>	No	No	EIC 4.16.4	

# Disclosure Chart

1. Gross throughput reflects volume on assets we operate, including 100% of volumes on operated assets in which we own a partial interest. Includes pipeline tariff volumes, volumes transported by truck, throughput at our crude oil terminals, inlet volumes at our natural gas processing facilities, volumes processed at our NGL fractionation and condensate processing facilities and natural gas transmission, injection and withdrawal volumes. We report pipeline volumes based on the tariffs charged for individual movements. As a result, there is a potential for a barrel to be counted multiple times depending upon how many individual tariff-based movements it makes through our pipeline system.
2. For this metric, 2022 and previous reporting years reflects a revision to the average distance a barrel travels by truck.
3. Earnings before interest, taxes, depreciation and amortization (including our proportionate share of depreciation and amortization, including write-downs related to cancelled projects and impairments, of unconsolidated entities), gains and losses on asset sales and asset impairments, goodwill impairment losses and gains or losses on and impairments of investments in unconsolidated entities, adjusted for certain selected items impacting comparability. Includes Adjusted EBITDA attributable to noncontrolling interests.
4. Represents property taxes associated with assets that we own and/or operate (including property tax associated with assets of unconsolidated entities that we operate).
5. Miles of active pipeline in which we have an ownership interest, operated by us or third parties, including total mileage of pipelines in which we own a partial interest through joint ventures or undivided joint interest arrangements. Includes transportation pipelines and pipelines that support our storage and terminalling facilities.
6. Miles of active pipeline operated by us, including total mileage of operated pipelines in which we own a partial interest through joint venture or undivided joint interest arrangements and excluding total mileage of pipelines owned through such arrangements that we do not operate. Includes transportation pipelines and pipelines that support our storage and terminalling facilities.
7. Estimates do not include emissions from assets that were operated for a portion of the reporting year.
8. Includes estimates based on most current grid emission factors for a given year at the time of calculation.
9. Our gross annual throughput includes volumes handled across each of our business areas (i.e. pipelines, storage, trucking, NGL fractionation and gas processing) converted to barrels of oil equivalent (BOE). We report pipeline volumes based on the tariffs charged for individual movements. As a result, there is a potential for a barrel to be counted multiple times depending upon how many individual tariff-based movements it makes through our pipeline system. These intensity metrics are intended to help measure Plains' Scope 1 and Scope 2 GHG emissions performance over time. Due to varying business mixes and industry approaches to calculating throughput, our throughput-based intensity metrics may not be comparable to those of other companies.
10. As our definition of Gross Adjusted EBITDA and the relative mix of owned vs operated assets that comprise our business may differ from other companies, our EBITDA-based intensity metric may not be comparable to that of other companies.
11. Reflects emissions reported in accordance with applicable regulatory requirements in the U.S. and Canada.
12. The 2021 NOx disclosure has been changed in this report to correct an overstatement of NOx emissions from our Sarnia facility that was reported in our 2021 Sustainability Report disclosures table.
13. Our ultimate goal is to achieve zero incidents and our 2023 target is 10 or fewer federally reportable releases.
14. Hydrocarbon releases are defined as federally reportable releases. All mileage which can feature a federally reportable release was included in this calculation; this includes mileage from active, idle, retired, and facility piping.
15. Miles inspected as a percentage of total mileage of U.S. DOT-regulated pipelines and all Canadian pipelines. Excludes pipelines of unconsolidated entities and retired and abandoned pipelines. Pipeline inspection schedules vary on an annual basis and also change over time in response to asset conditions.
16. 2022 includes estimates based on certain 2021 data as the 2022 data has not yet been published. Amounts presented for prior years have been revised from previous disclosures based on final data.
17. Our ultimate goal is to achieve zero incidents and our 2023 target is a TRIR of 0.25 or less.
18. Major growth projects are defined as those managed by our Engineering group. From 2020 to 2021, we had a decrease in both the number of contractor injuries (2021: 4, 2020: 8) and contractor man hours (2021: 1.8 million, 2020: 11.0 million). Contractor man hours for 2022 were consistent with 2021 at 1.8 million.
19. Any preventable motor vehicle incident involving a company vehicle or a private vehicle being used for company business.
20. Disclosure pertains to legal proceedings associated with federal pipeline and storage rate, access and pricing regulations (anti-competitive behavior) for assets we operate.
21. Data is representative of full-time employees only and reflects year-end numbers.
22. Employees at Manager, Director and above levels.
23. Employees at the Vice President, Senior Vice President and Executive levels.
24. Minority data includes all U.S. employees who identify as persons of color. Due to regulatory limitations, this data is not collected in Canada.
25. Enterprise-wide tracking of philanthropic and volunteer investment initiated in 2021. Data may not reflect full scope of investment.
26. Data as of December 31 of each year unless otherwise noted.
27. Our governing documents require that a majority of our Board satisfy the independence requirements of the stock exchange where our securities are listed for trading, despite the fact that, as limited partnerships, PAA and PAGP are exempt from such stock exchange requirements.
28. Three-year staggered term.
29. Minority data includes Directors who identify as persons of color.
30. As of record date for annual meeting.
31. "At Risk" compensation is tied to the achievement of one or more performance metrics that measure value creation over both the near and longer term, as well as service period requirements.
32. Performance-based compensation is comprised of annual cash incentive awards and the performance-based portion of long-term equity incentive awards.
33. Long-term equity incentive awards are 50% performance-based and 50% time-based.
34. PAA's President is a co-founder and substantial equity owner and for the last several years has requested to not participate in the long-term incentive program. As a result, he is not one of the three most highly compensated executive officers, but is included as a Named Executive Officer given the significance of his role. Given his lack of participation in the long-term incentive program, his compensation is excluded from the calculation.
35. Plains All American Pipeline, L.P. (Nasdaq: PAA) and Plains GP Holdings (Nasdaq: PAGP) are managed by a single unified Board of Directors located at PAA GP Holdings LLC.
36. Incentive distribution rights give a general partner an increasing share of incremental distributable cash flow based upon certain conditions.
37. Refers to a control right granted in certain partnership agreements whereby the holder has the right to direct certain activities of the partnership, including the unilateral right to appoint and replace board members. This control provision may be held/exercised irrespective of the holder's economic interest.