

LATE-FILED EXHIBIT NO. 8

**STATE OF NORTH DAKOTA
PUBLIC SERVICE COMMISSION**

**Plains Pipeline, L.P.
8-inch Crude Oil Pipeline – Bison Pipeline Project
Siting Application**

Case No. PU-15-035

AFFIDAVIT OF TUCKER E. GORDON

STATE OF WYOMING)
) ss.
COUNTY OF LARAMIE)

Tucker E. Gordon, being first duly sworn upon oath, states and alleges as follows:

1. I am a Project Engineer for Plains Pipeline, L.P. (“Plains”), which proposes to construct, own, and operate the Bison Pipeline Project (“Project”), the subject of the above-captioned matter.

2. I was advised as to perjury, placed under oath, and testified on behalf of Plains at the June 24, 2015 public hearing on Plains’s Application for a Certificate of Corridor Compatibility and Route Permit (“Application”) for the Project.

3. In this Affidavit, I understand that I am still under oath and I am providing sworn testimony as part of the public hearing record, as authorized by and on behalf of Plains.

4. At the June 24, 2015 public hearing on Plains’s Application, Plains requested that the North Dakota Public Service Commission (“Commission”) issue a Certificate of Corridor Compatibility and a Route Permit designating the Project corridor and route, as depicted in Hearing Exhibit No. 2.

5. During the public hearing on Plains’s Application, Plains was granted the opportunity to submit a late-filed exhibit discussing pipeline monitoring information for the

Project, to specifically include information as to the control center which will monitor Project operations.

6. Operating requirements of the pipeline will include pipeline inspections and monitoring conducted in accordance with U.S. Department of Transportation's ("DOT") Pipeline and Hazardous Materials Safety Administration ("PHMSA") requirements. Along with state regulatory agencies, PHMSA administers the nation's pipeline safety program and is responsible for the oversight of hazardous liquid pipelines.

7. The control center that will monitor the proposed Project is located in Midland, Texas (hereinafter referred to as the "Midland Control Center"). The mission of the Midland Control Center is to protect the public and ensure that pipelines are operated safely at all times.

8. The primary purpose of the Midland Control Center is to provide continuous system monitoring and maintain system integrity through pipeline leak detection.

9. Operations at the Midland Control Center are performed via a supervisory control and data acquisition ("SCADA") system. Primary communications for the SCADA system are via satellite.

10. The Midland Control Center is staffed twenty-four (24) hours a day, seven (7) days a week, 365 days a year. The Midland Control Center employs approximately 105 pipeline Controllers. There are Controllers and two (2) Shift Supervisors on duty at all times. A Manager, Assistant Manager and seven (7) Console Supervisors are on site during regular working hours, when Controller activity is highest, and are on call during non-peak hours to provide supervision and guidance.

11. All Midland Control Center Controllers have extensive training in pipeline monitoring. Controllers are trained to recognize any problems with the system and have the

authority to shut down a pipeline at any time. Controllers are required to shut down a pipeline during nonstandard operating conditions, such as a leak or abnormal pressures or flows. Once a pipeline has been shut down for a nonstandard operating condition, the restart authority procedure must be followed prior to any further operations.

12. The Midland Control Center employs a Training Manager and a Compliance Supervisor to ensure monitoring and operations are in accordance with all company and PHMSA regulations. In addition, PHMSA monitors compliance through a variety of operations, including field inspections and audits of the Midland Control Center to ensure conformity with all applicable regulations.

13. At any one time, one (1) Controller will be assigned to the console monitoring the Project and one (1) Shift Supervisor will be available to assist or provide guidance. At the time of a shift change, the new Controller verifies the information from the previous Controller pursuant to the guidelines and procedures implemented by Plains.

14. All North Dakota assets are overseen by one (1) Controller in the Midland Control Center. Plains's North Dakota assets include approximately 147 miles of pipeline.

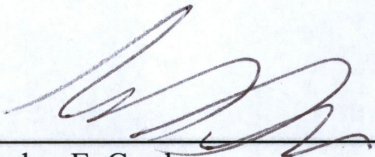
15. In the event of a power outage affecting pipeline operations in North Dakota, Plains has backup battery power in place to ensure continuous monitoring for two (2) hours allowing for power to be restored or for a field operator to arrive onsite at the affected facility. Plains continuously monitors pipelines on backup power from the Midland Control Center until power has been restored. An uninterruptible power source and two generators maintain power at the Midland Control Center.

16. In addition to the leak detection system in place and oversight by pipeline Controllers, Plains also performs visual surveillance through ground and aerial patrols. Plains

conducts visual and/or aerial patrols at least twenty-six (26) times a year at intervals not to exceed three (3) weeks.

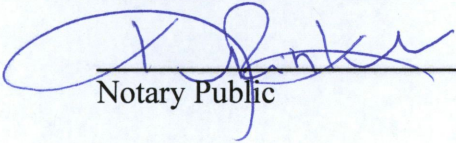
17. As a whole, the Project will be monitored for leak detection by pipeline Controller monitoring and visual surveillance all in conformance with applicable DOT and PHMSA regulations.

FURTHER AFFIANT SAYETH NOT.



Tucker E. Gordon

Subscribed and sworn to before me
this 16 day of October, 2015.



Notary Public

