



# Integrity Management

**PLAINS**  
ALL AMERICAN



Plains All American Pipeline is committed to design, construct, operate and maintain our pipelines and facilities in a safe and reliable manner and to meet or exceed safety standards.

Plains is dedicated to adherence to regulatory requirements and safeguarding the environment. Our Integrity Management Plan (IMP) is comprised of ongoing inspection and maintenance activities that verify the safety and integrity of our pipeline systems. With a thorough IMP, the life expectancy of a pipeline asset is determined primarily by inspections and maintenance activities, not by age. Plains integrity management personnel participate actively with multiple industry groups to stay abreast of the latest technologies and integrity management program methods.

## Monitoring

Plains has multiple processes in place to actively maintain the integrity of its pipeline systems, including:

- Pipeline assessment schedules
- Internal and external corrosion control
- Regular aerial surveillance patrols
- Equipment maintenance strategies
- Routine inspection of equipment
- Right-of-way clearing
- Waterway crossing inspections
- Participation in Damage Prevention initiatives and One Call programs
- Employee training and qualification programs

## Pipeline Inspection

Our Integrity Management Plan utilizes multiple in-line inspection tools to assess the integrity of pipelines, which allows Plains to proactively address possible integrity issues on its pipelines before safety and environmental performance is compromised.

## Hydrostatic Pressure Testing

Hydrostatic testing is used for integrity assurance before a line is placed into service or as an assessment method in existing pipelines. Water is used to pressure test the pipeline to establish the maximum operating pressure and verify integrity.

## In-Line Inspection Tools

In-line inspection tools, often called “smart pigs,” help Plains to proactively identify and address possible pipeline integrity concerns before safety and environmental performance is compromised. In-line inspections are conducted on scheduled intervals to meet or exceed regulatory requirements.

