



Oil And Gas Pipeline Inspection Checklist Template

 Show only Checklist

Display Style
Default 

Pre-Inspection Planning

Review permits, maps, historical data, and prepare inspection team and equipment.

Scheduled Inspection Date

Enter date...

Scheduled Inspection Start Time

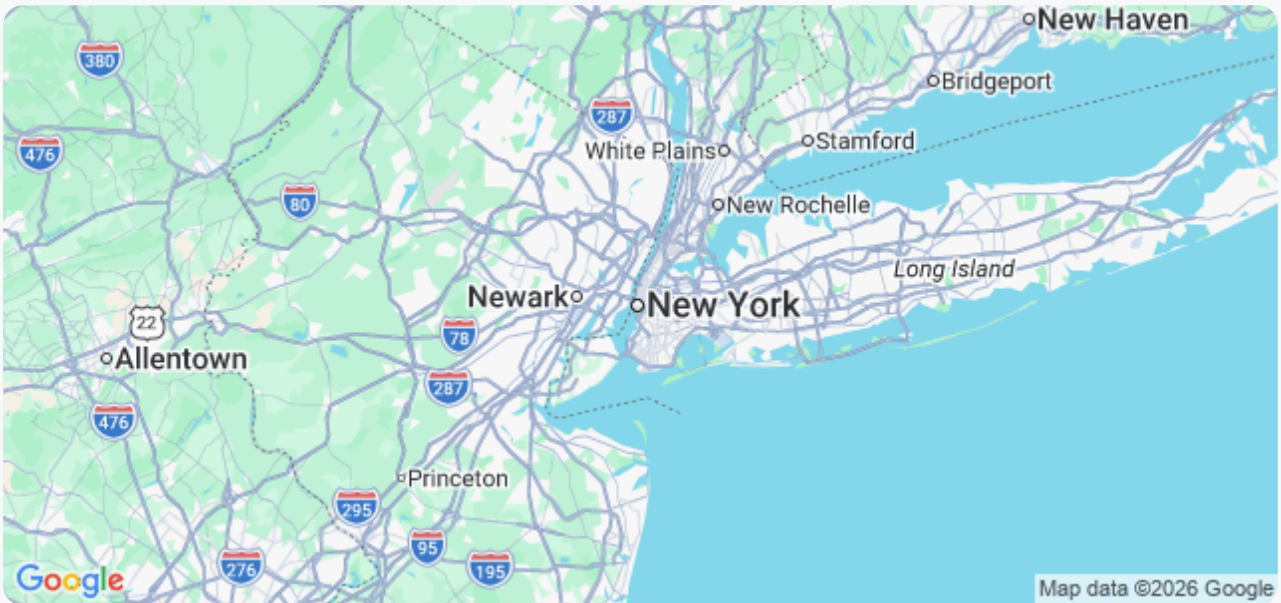
Enter time...



Pipeline Segment Number/ID

Inspection Start Location (GPS Coordinates)

 [Set My Current Location](#)



Ambient Temperature (°C)

Weather Conditions

- Sunny
- Cloudy
- Rainy
- Snowy
- Foggy

Review Relevant Maps/Diagrams (Upload)

 Upload File

Right-of-Way & External Conditions

Assess vegetation control, accessibility, signage, and potential encroachments.

Weather Conditions (Temperature °C)

Enter a number...

Vegetation Condition

- Excellent
- Good
- Fair
- Poor

Description of Vegetation Type

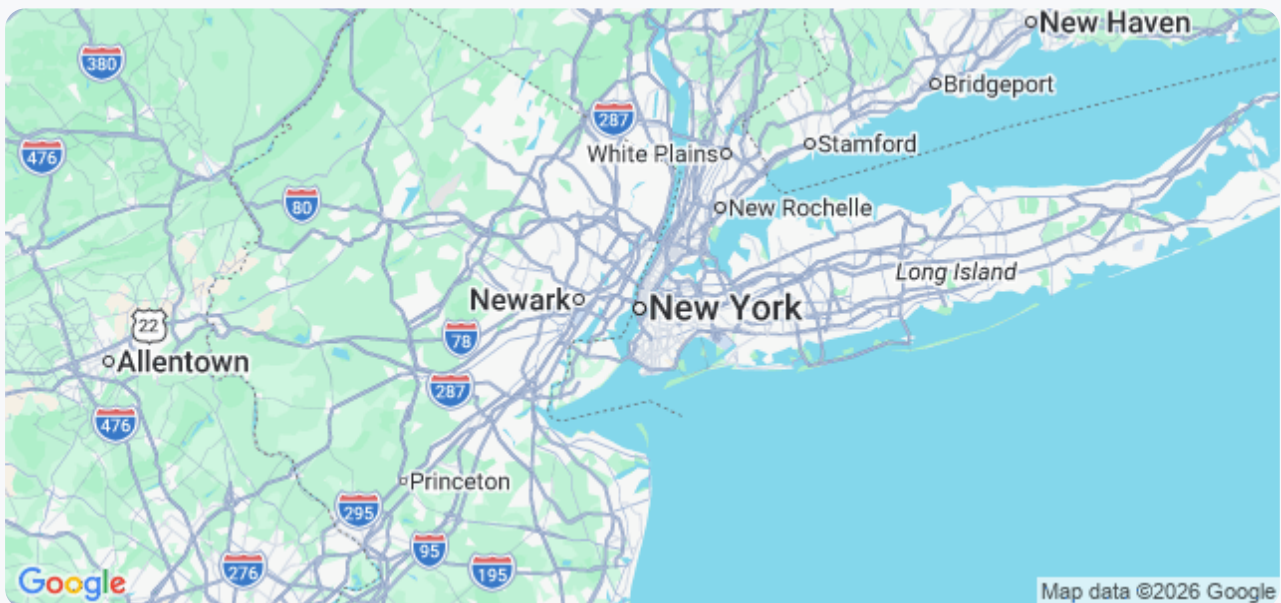
Write something...

Potential Encroachments Observed?

- Structures
- Fences
- Agriculture
- None

Location of Encroachment (if any)

 [Set My Current Location](#)



Signage Condition

Date of last Right-of-Way clearing

Photos of Right-of-Way

 Upload File

Pipeline Physical Condition

Inspect for signs of corrosion, leaks, seam failures, and mechanical damage.

Pipeline Diameter (inches)

Pipeline Material

- Carbon Steel
- Stainless Steel
- Composite
- Other

Corrosion Observed?

- Yes
- No
- Unsure

Description of any Corrosion (Location, Type, Severity)

Write something...

Length of any cracks or seam failures (feet)

Enter a number...

Photos of Physical Damage/Corrosion

 Upload File

Presence of Discoloration?

- Yes
- No
- Unsure

Description of Discoloration (Color, Location)

Write something...

Pipeline Integrity Components

Evaluate condition of valves, pig traps, cathodic protection systems, and other critical infrastructure.

Valve Operating Pressure (PSI)

Enter a number...

Valve Condition

- Excellent
- Good
- Fair
- Poor

Valve Comments/Observations

Write something...


Pig Trap Depth (Feet)

Enter a number...

Pig Trap Accessibility

- Excellent
- Good
- Fair
- Poor

Pig Trap Photo (if applicable)

 Upload File

Last Pigging Date

Enter date...

Component Anomalies Observed (Check all that apply)

- Corrosion
- Damage
- Erosion
- Leaks
- Other

Cathodic Protection (CP) Monitoring

Verify CP system performance, including readings and rectifier functionality.

Near-Pipeline Potential (Volts)

Far-Pipeline Potential (Volts)

CP Current Output (Amps)

Rectifier Voltage (Volts)

Rectifier Status

- Operating
- Faulted
- Standby

Last Rectifier Maintenance Date

Enter date...

Notes on CP System Performance

Write something...

Anode Condition

Good

Fair

Poor

Leak Detection System (LDS) Assessment

Inspect LDS components, analyze data, and verify system sensitivity.

Ambient Temperature (°C)

Enter a number...

Pipeline Pressure (PSI)

Enter a number...

LDS Sensitivity Setting

Enter a number...

LDS Operational Status

- Operational
- Standby
- Faulted

Description of any alarms or events

Write something...

Detector Calibration Status

- Within Tolerance
- Out of Tolerance
- N/A

Last Calibration Date

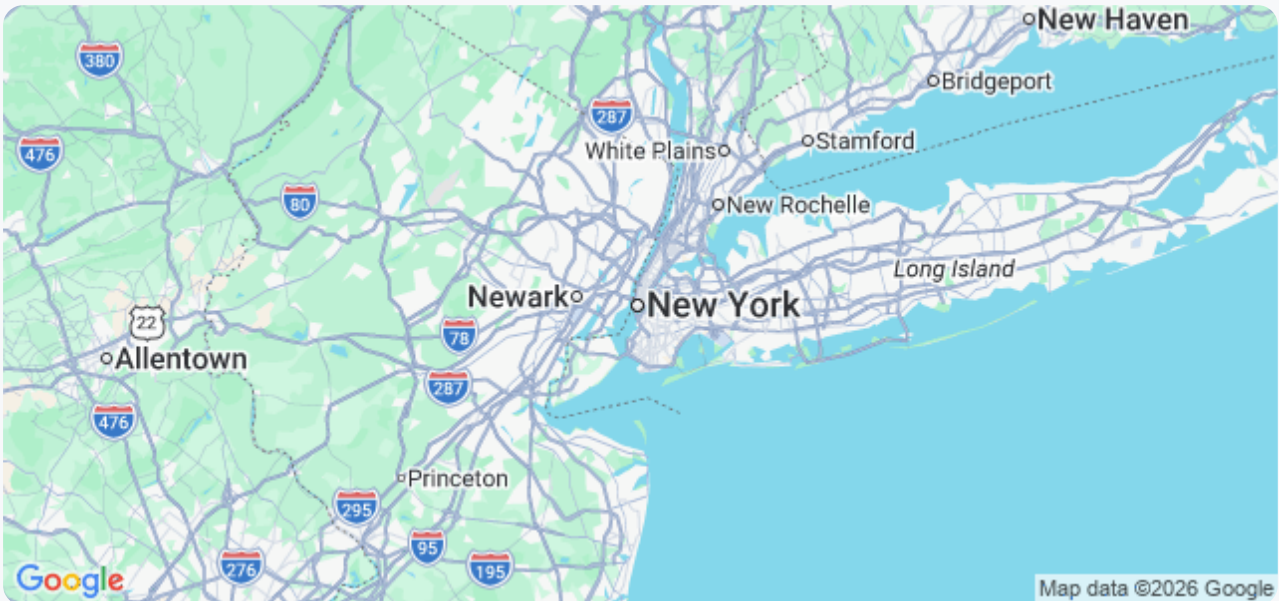
Enter date...

Erosion Control Measures

Evaluate the effectiveness of erosion control techniques and identify any areas requiring attention.

GPS Coordinates of Erosion Area (if applicable)

 [Set My Current Location](#)



Depth of Rill/Gully (inches)

Enter a number...

Erosion Control Methods Present

- Riprap
- Vegetation (grass, trees)
- Silt Fences
- Terracing
- None

Condition of Vegetation

- Excellent
- Good
- Fair
- Poor

Detailed Observations of Erosion Control Measures

Write something...

Width of Silt Fence (feet)

Enter a number...

Effectiveness of Measures

- Highly Effective
- Effective
- Partially Effective
- Not Effective

Documentation and Reporting

Review and record inspection findings, observations, and recommendations for corrective actions.

Inspection Temperature (°C)

Date of Inspection

Time of Inspection

Detailed Observations & Anomalies

Severity of Findings (Select all that apply)

- Minor
- Moderate
- Major
- Critical

Overall Inspection Result

- Satisfactory
- Needs Repair
- Unsafe - Immediate Action Required

Supporting Photos/Videos

 Upload File

Inspector Name

Write something...

Inspector Signature