



# 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

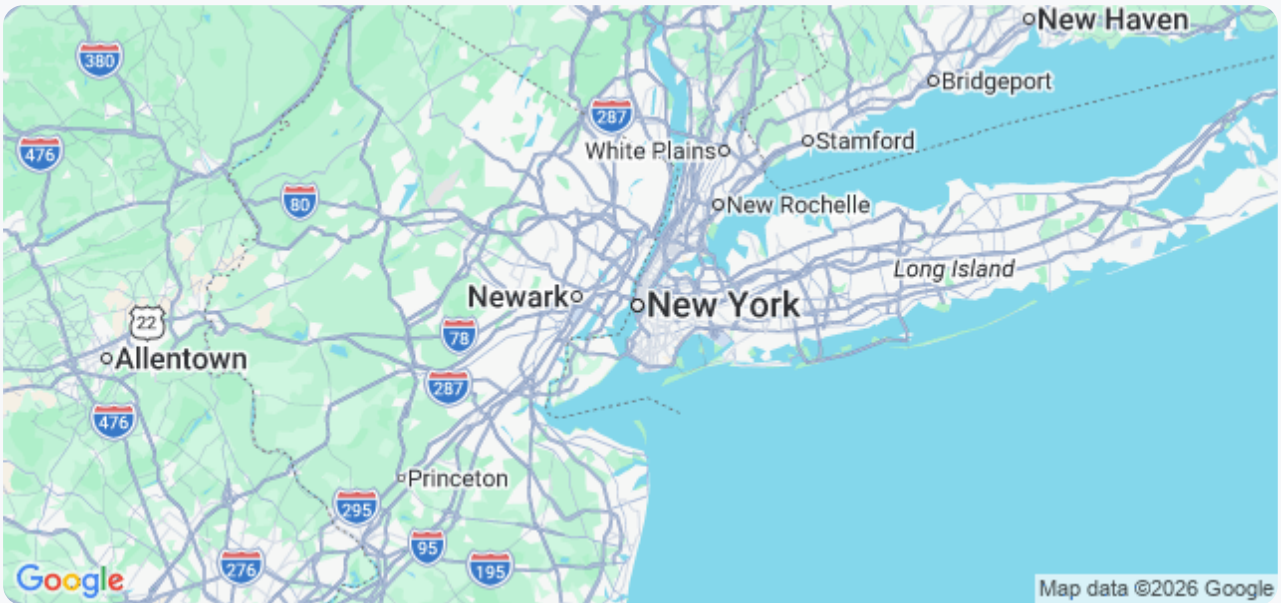
Enter time...



### 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

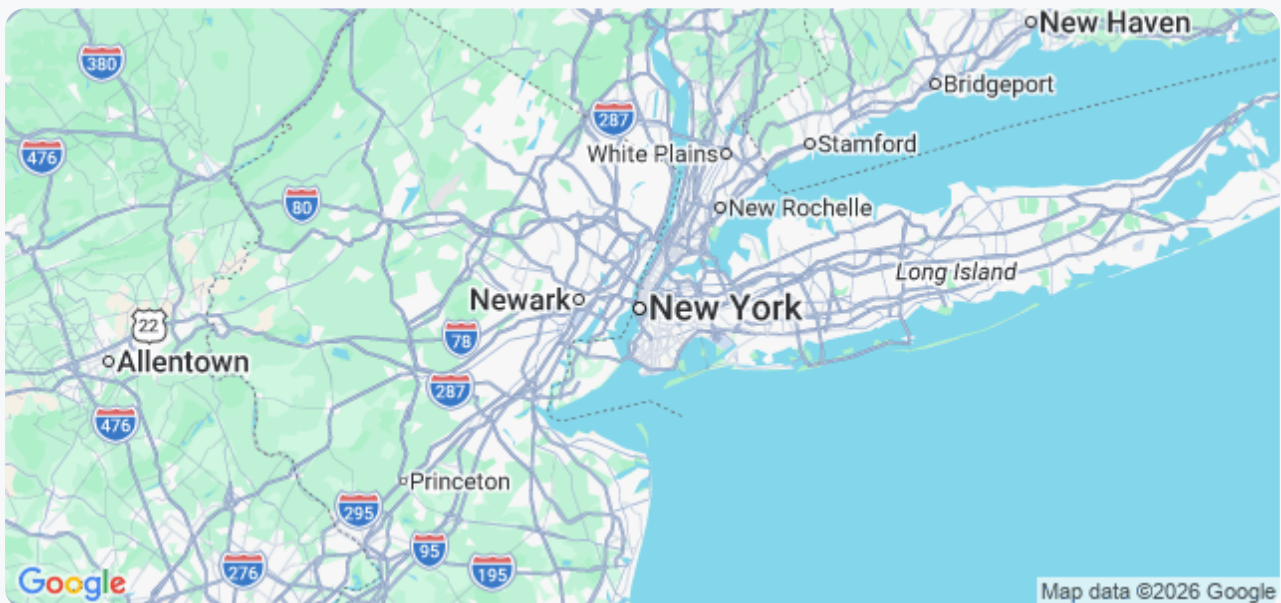
Write something...

## 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

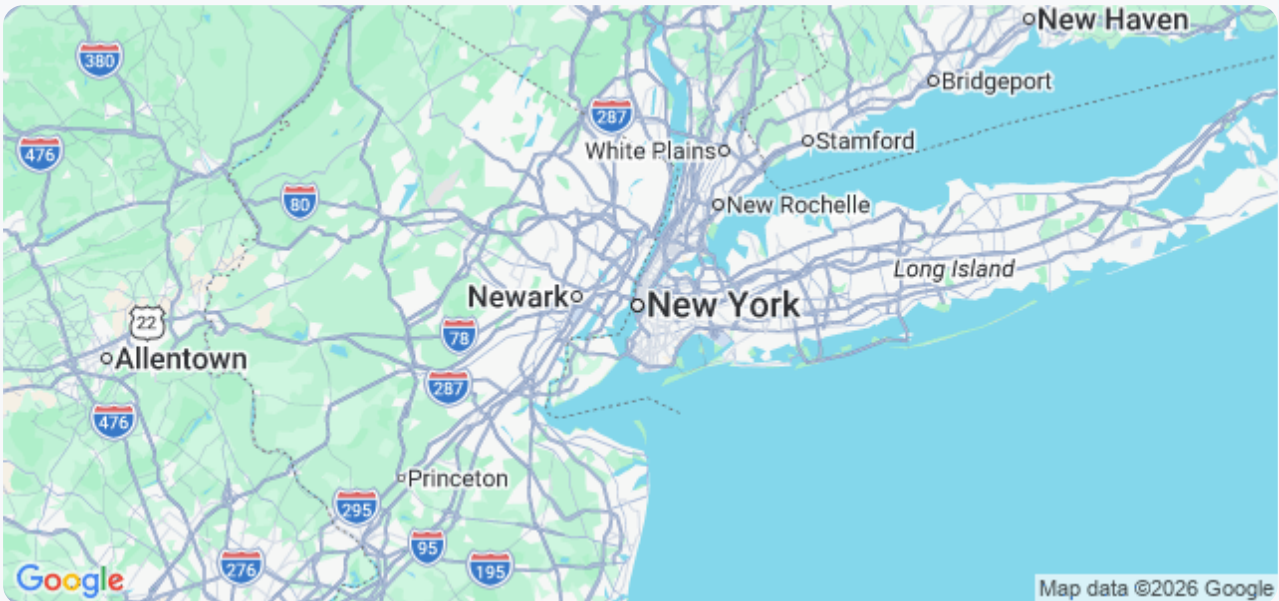
Enter date...

# 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