

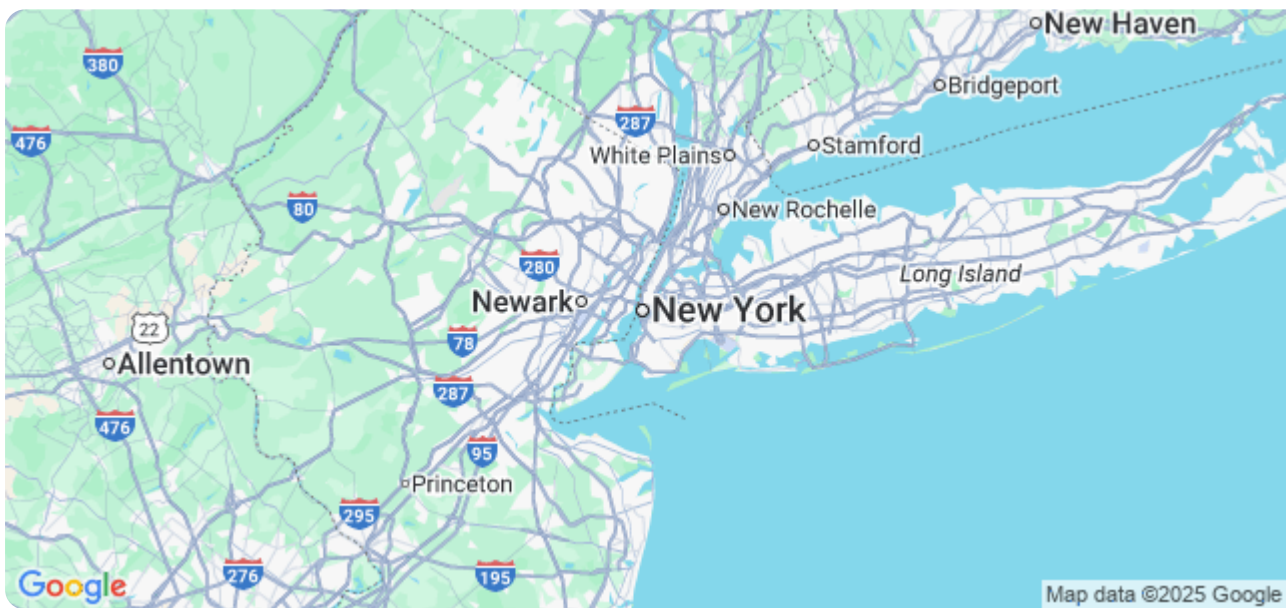
# Soil Erosion Control Measures Inspection Checklist

## Site Overview & Existing Conditions

Initial assessment of the land and existing erosion risks.

### GPS Coordinates of Inspection Area

 [Set My Current Location](#)



### Date of Inspection

Enter date...

### Time of Inspection

### **Brief Description of Site Topography (e.g., slope, aspect)**

Write something...

### **Dominant Soil Type(s) Present**

- Sandy
- Loamy
- Clayey
- Silty
- Other (Specify in Long Text)

### **Maximum Observed Slope Gradient (%)**

Enter a number...

### **Observed Evidence of Existing Erosion (e.g., gullies, rills, pedestals)**

Write something...

### **Current Land Use**

- Row Crops
- Pasture/Grazing
- Orchard/Vineyard
- Other (Specify in Long Text)

### Site Map/Aerial Photo (optional)

 Upload File

### Inspector Name

Write something...

## Field Preparation & Tillage Practices

Evaluation of tillage methods and their impact on soil stability.

### Tillage Method Used?

- Conventional Tillage
- Reduced Tillage
- No-Till
- Contour Plowing
- Other (Specify in LONG\_TEXT)

### If 'Other' tillage method selected, please specify:

Write something...

### Average Tillage Depth (inches):

Enter a number...

**Is the field sloped? (Consider slope influence on tillage)**

Yes

No

**Describe any visible signs of tillage-induced erosion (e.g., rills, gullies):**

Write something...

**Are tillage operations being conducted perpendicular to the slope?**

Yes

No

Not Applicable

**Notes on field preparation and tillage practices:**

Write something...

## Contour Farming & Terracing

Inspection of contour farming and terracing implementation and effectiveness.

**Contour Length (meters)**

Enter a number...

### Terrace Slope (%)

Enter a number...

### Terrace Construction Type

- Graded Terrace
- Bench Terrace
- Contour Bund
- Other (specify)

### Describe any observed issues with terrace stability or contour alignment.

Write something...

### Are terraces showing signs of:

- Cracking
- Slumping
- Erosion at toes
- Vegetation loss
- None observed

### Terrace/Contour Alignment

- Excellent - Precisely aligned with contours
- Good - Minor deviations
- Fair - Noticeable deviations
- Poor - Significant misalignment

**Date of last terrace/contour maintenance**

Enter date...

## Cover Cropping & Crop Rotation

Assessment of cover cropping and crop rotation practices for erosion control.

**What cover crops are currently being used?**

- Rye
- Oats
- Hairy Vetch
- Crimson Clover
- Winter Peas
- Buckwheat
- Radish
- Other (Specify in Long Text)

**If 'Other' was selected above, please specify the cover crop(s):**

Write something...

**Estimated percentage of field area covered by cover crop:**

Enter a number...

### What is the primary purpose of the cover crop(s)?

- Erosion Control
- Soil Improvement (Organic Matter)
- Weed Suppression
- Nitrogen Fixation
- All of the Above

### Date cover crop was planted

Enter date...

### Describe the crop rotation sequence currently in use.

Write something...

### Is the crop rotation sequence documented and followed?

- Yes
- No
- Unsure

## Conservation Tillage (No-Till, Reduced Till)

Review of conservation tillage techniques employed and their condition.

### Tillage System Employed?

- No-Till
- Reduced Till
- Conventional Tillage (Not Conservation)
- Unknown

### Residue Coverage (%)

Enter a number...

### Observed Issues with Residue Management

Write something...

### Compaction Assessment

- No Visible Compaction
- Minor Compaction
- Moderate Compaction
- Severe Compaction

### Tillage Equipment Depth (inches)

Enter a number...

### Last Tillage Date

Enter date...

### Any signs of wheel tracks or rutting?

Write something...

## Vegetative Buffer Strips & Riparian Zones

Inspection of vegetative buffers and riparian zones along waterways.

### Buffer Strip Width (feet)

Enter a number...

### Dominant Vegetation Types in Buffer Strip (Select all that apply)

- Grasses
- Shrubs
- Trees
- Forbs (Wildflowers)
- Other (Specify in LONG\_TEXT)

### If 'Other' vegetation type selected, please specify:

Write something...

### Condition of Vegetation (Overall Health and Density)

- Excellent
- Good
- Fair
- Poor

**Describe any signs of stress or disease observed in vegetation:**

Write something...

**Estimated Percent Ground Cover by Vegetation:**

Enter a number...

**Evidence of Invasive Species Present?**

- Yes
- No
- Uncertain

**If invasive species are present, identify them and describe extent:**

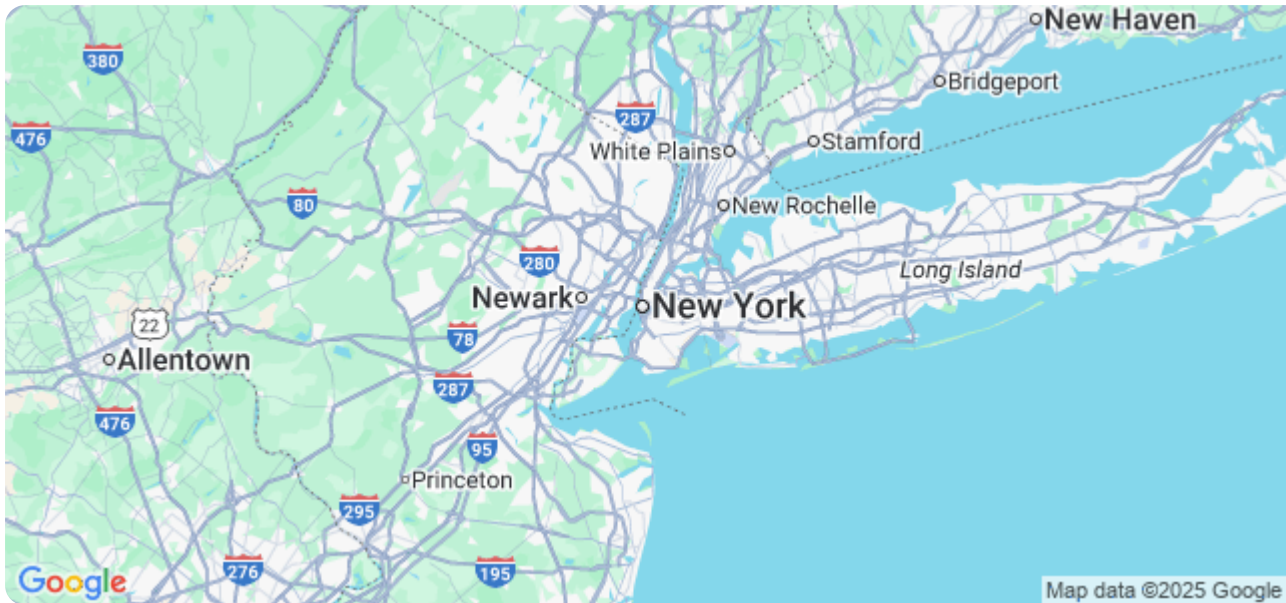
Write something...

**Is the riparian zone adequately protecting the waterway?**

- Yes
- No
- Uncertain

## Buffer Strip/Riparian Zone Boundary Location (GPS Coordinates)

[📍 Set My Current Location](#)



## Wind Erosion Control (Windbreaks, Strip Cropping)

Assessment of measures taken to minimize wind erosion.

**Are windbreaks present?**

- Yes
- No
- Unclear/Not Visible

**Average height of windbreak trees/shrubs (feet)**

Enter a number...

**Estimated width of windbreak (feet)**

Enter a number...

### What types of vegetation are used in the windbreak?

- Trees
- Shrubs
- Grasses
- Other (Specify in LONG\_TEXT)

### If 'Other' selected above, please specify vegetation types:

Write something...

### Are strip cropping practices implemented?

- Yes
- No
- Unclear/Not Visible

### Approximate width of crop strips (feet)

Enter a number...

### Describe the condition of windbreaks/strip cropping (e.g., signs of damage, disease, inadequate growth)

Write something...

### Attach photos of windbreaks/strip cropping (optional)

 Upload File

# Sediment & Runoff Management

Evaluation of practices to control sediment runoff and water quality.

**Are sediment basins present?**

- Yes
- No
- N/A

**Sediment Basin Capacity (cubic feet)**

Enter a number...

**Sediment Basin Overflow Condition**

- Adequate
- Inadequate
- Not Observed

**Describe any observed issues with sediment traps or basins (e.g., excessive sediment buildup, structural damage).**

Write something...

**Which of the following runoff management techniques are implemented?  
(Select all that apply)**

- Grassed Waterways
- Diversion Ditches
- Check Dams
- Vegetated Filter Strips
- None

### Is there evidence of gully erosion?

- Yes
- No
- Unsure

### Describe any observed sediment plumes in adjacent water bodies.

Write something...

## Maintenance & Condition

Overall assessment of the condition of erosion control measures and maintenance activities.

### Estimated Erosion Rate (tons/acre/year)

Enter a number...

### Condition of Vegetation (Buffer Strips/Terraces)

- Excellent
- Good
- Fair
- Poor

### Description of any observed damage or degradation

Write something...

### Date of Last Maintenance Activity

Enter date...

### Estimated sediment accumulation at the base of terraces/buffers (inches)

Enter a number...

### Maintenance Issues Observed (Select all that apply)

- Rills/Gullies
- Vegetation Loss
- Terrace Failure
- Sediment Build-up
- Wind Damage
- None

### Time of last inspection

### Specific maintenance recommendations

Write something...

## Documentation & Record Keeping

Review of records related to erosion control planning and implementation.

### Date of Last Erosion Control Plan Review

Enter date...

### Summary of Erosion Control Plan (brief description)

Write something...

### Copy of Current Erosion Control Plan

 Upload File

### Estimated Annual Soil Loss (tons/acre - if available)

Enter a number...

### Method Used to Estimate Soil Loss (if applicable)


- RUSLE
- Universal Soil Loss Equation
- Other (Specify in Long Text)

### Comments/Notes on Erosion Control Plan Updates

Write something...

**Date of Last Maintenance Log Review**

**Copy of Maintenance Log (if available)**

 Upload File