



Soil Erosion Control Measures Inspection Checklist

Site Overview & Existing Conditions

Initial assessment of the land and existing erosion risks.

GPS Coordinates of Inspection Area

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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

Enter date...

Copy of Maintenance Log (if available)

 Upload File