# Structural Asset Reporting Tool: Paper Inspection Form

*Enter all data into online Survey123 Reporting Tool*

## Project Information

### Easement Number

### Job Number

### Project Name (e.g. landowner name)

### County

### Project Location (Township Section or Twp/Range)

## Inspection Information

#### Inspection Date

#### Inspector details (name, organization, title)

#### Inspector phone number

#### Inspector email address

#### Landowner present during inspection? Y/N

#### Project Materials Reviewed

#### As-builts or Construction Plans; None found; Other)

## GENERAL SITE ISSUES

### Off-easement issue (e.g. ponding, deposition outside easement boundary)

### Neighbor / landowner complaint

### Vegetation Issues

Unvegetated; Invasive species dominance; Lack of late successional resilient plants species; Other

### Rate - General site issues

### Monitor -minor problem; Minor maintenance/management; Repair may be necessary (moderate problem); Repair or reinstallation required

## EMBANKMENTS

### Embankment / ditch plug issues

Settling/sloughing, wave damage, other

### Other specific embankment issues – Rodents

### Explain extents of rodent holes / damage (e.g. 200LF, most of front face, only at center, etc.)

### Other specific embankment issues - Seepage

### Explain seepage location or other details

### Other specific embankment issues – Vegetation

Vegetation (e.g. brush/trees, cattails, lack of vegetative cover)

### Explain vegetative cover issue

### Identify Basin or Embankments with issues (use numbering system from plans or attached map)

#1 #2 #3 #4 #5 #6

### Identify Basin or Embankments inspected that are in GOOD condition

#1 #2 #3 #4 #5 #6

### Other details about basin / embankment issues

### Rate - Embankment issues

### Monitor -minor problem; Minor maintenance/management; Repair may be necessary (moderate problem); Repair or reinstallation required

## OUTLETS - PIPES

### Trickle drain outlet system

#### Trickle drain issues

Soil erosion or scouring; Plugging or blocked; Leaking; Other

### Pipes & Inlets

#### Pipe Material:

Metal; HDPE dual-wall; HDPE single wall; PVC; Concrete; Other

#### Pipe - horizontal principle spillway issues

Soil erosion or scouring; Plugging or blocked; Leaking; Failure (rusted, deteriorated, collapsed); Inlet damaged (including trash rack); Other

#### Drop / Vertical inlet material

Metal; HDPE dual-wall; PVC; Concrete; Agri-drain

#### Drop / Vertical inlet issues

Soil erosion or scouring; Plugging or blocked; Leaking; Failure (rusted, deteriorated, collapsed); Inlet damaged (including trash rack); Stoplogs (damaged, stuck, missing); Other

### Rate - Trickle drain / pipe / inlet issues

### Monitor -minor problem; Minor maintenance/management; Repair may be necessary (moderate problem); Repair or reinstallation required

## OUTLETS - SPILLWAYS

### Sheetpile Weirs

#### Sheetpile Weir Material

Vinyl/Composite; Steel; Other

#### Sheetpile Weir issues

Soil erosion or scouring; Sluice gate not operational; Displaced riprap; Sheetpiles tipped, heaved, displaced; Cap damaged, deteriorated; Other

#### Rate - Sheetpile issues

### Monitor -minor problem; Minor maintenance/management; Repair may be necessary (moderate problem); Repair or reinstallation required

### Vegetated & Armored Spillways

#### Vegetated spillway issues

Soil erosion or scouring; Plugging or blocked; Vegetation (lack-of or non-desirable species); Other

#### Rate - Vegetated spillway issues

### Monitor -minor problem; Minor maintenance/management; Repair may be necessary (moderate problem); Repair or reinstallation required

#### Armored spillway issues

Soil erosion or scouring; Plugging or blocked; Vegetation (lack-of or non-desirable species); Other

#### Rate - Armored spillway issues

### Monitor -minor problem; Minor maintenance/management; Repair may be necessary (moderate problem); Repair or reinstallation required

## DRAINAGE SYSTEM

### Tile system issues

Failed tile blocks, plugs, or joints; Tile outlet erosion or scouring; Blowout hole; Collapsed tile line; Plugged tile (e.g. tree roots); Unknown tile line (e.g. newly discovered, draining wetland); Other

### Ditch issues

Eroding, sloughing banks; Blocked (e.g. beaver dam), Other

### Explain drainage system issues

### Rate - Drainage system issues

### Monitor -minor problem; Minor maintenance/management; Repair may be necessary (moderate problem); Repair or reinstallation required

## Other

### Include additional information here