

INSPECTION REPORT

Natural Resources District _____ Field Office _____

Landowner _____ Location _____

Plan I.D. _____ Other No. _____ Field No. _____

Practices _____ Contractor _____

PRE-INSTALLATION - Materials

PRINCIPAL SPILLWAYS

Identification: Mtl. Mfr. _____ ; Pipe Mfr. _____ ; Coating _____

Riser: Length _____ ; Gauge _____ ; Dia. _____ ; Type _____ ; Tee Length _____

Weld-treated _____ ; Coating _____

Barrel: Length _____ ; Gauge _____ ; Dia. _____ ; Type _____ ; Rivet sp. _____ ; Elbow _____ °

Bands: Type _____ ; Width _____ ; No. _____ ; Rods & lugs _____

Diaphragms: Size _____ ; No. _____ ; Welds treated _____

CONCRETE

Mix: Sacks _____ ; H2O gals. _____ ; S&G _____ ; Limestone _____ ; Additives _____

Reinforcing: Lbs. _____ ; Mfr. _____ Type _____

PIPELINES & TILES

Mtl: Type _____ Mfr. _____ ; Markings _____ ; ASTM _____ ; Wt or PR _____

Dia(s) _____ , _____ , _____ ; Length(s) _____ , _____ , _____ ; Fittings _____

OTHER (Incl. trash racks, valves, etc.) _____

Inspector _____ Date _____

CONSTRUCTION

1. WORK STAGE _____

Inspector: _____ Date: _____

2. WORK STAGE _____

Inspector: _____ Date: _____

The Inspection Record should include:

- GENERAL:
- 1) Item(s) inspected on this day, tests and/or measurements made with results or conclusions
 - 2) Instruction or discussions with contractor
 - 3) Equipment on the job and working
 - 4) Progress on items and conditions, in general, with specifics on problems
 - 5) Report of discussion with others, including landowner, NRD, or SCS personnel appurtenant to works

SPECIFIC: Potential Inspection Details

For: Earth dams, drop spillways, concrete-reg. chute, sediment basins, waste storage lagoons, etc.

Site Preparation - Bank sloping, channel cleanout, stripping

Principal Spillway - Foundation, trench sloping, culvert, bedding, joints, alignments, installation procedure, backfill, test pref.

Concrete - forming, steel placement, vibration, tests made, finish, curing

Embankment - moisture, compaction methods, patterns, lifts, slopes, protection, tests and measurements made

Emergency-Spillway(s) - width, slope(s), elevations, dikes, backfill, grades

Final Inspection - slopes, width, grades and elevations, trash rack, finish

For: Waterway, terrace, diversion, sediment and debris terraces, open drains

Section - depth, width, uniformity, grade, slopes, fills

Alignments - staked line, field or location fit

Outlet - soil condition for establishing vegetation, grades, fluming for water flow, etc.

Final Inspection - widths, grades, slopes, uniformity, finish

For: Irrigation lined ditch, irrigation drops, pipelines, closed drains or outlets

Alignment - As staked, to fit needs, to fit terrain

Grade - cuts marked, grade of ditch, grade of flowline as placed vs. designed elevation, removal of rocks and debris

Section - bottom width, side slopes, meeting tolerances

Installation - forms, material lined up for timely placement and finish, joints properly made and spaced, samples taken and tested, curing, methods (standard or acceptable); backfill compaction and placement including lift depth and moisture

Final Inspection - pressure or depth tests, grade checks, turnouts or valves operational, finish